Impact of Proposed Reforms for Nova Scotia Private Passenger Automobile

Final Report to the Department of Environment and Labour Province of Nova Scotia

Prepared by:
Claudette Cantin, FCAS, FCIA, MAAA
Phone: (416) 777-8614
Jacqueline Friedland, FCAS, FCIA, MAAA
Phone: (416) 777-8320

KPMG LLP
Suite 3300, Commerce Court West
P.O. Box 31, Station Commerce Court
Toronto, Ontario M5L 1B2

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PURPOSE

The Department of Environment and Labour of the Province of Nova Scotia (the Department) retained KPMG LLP (KPMG) to prepare an actuarial projection of the potential cost savings assuming implementation of tort reform directed at limiting damages for pain and suffering (Tort Reform) for private passenger automobile insurance.

Specifically, the Department asked KPMG to evaluate the extent of reforms necessary to produce an overall average decrease of 20% in automobile insurance premiums for consumers in Nova Scotia.

In this report, we analyze the impact of the following:

- $2,500 limits on pain and suffering damages for claims falling below the verbal threshold (Tort Reform with threshold) and for all claims (Tort Reform without threshold)
- Change from gross income to net income for determination of future loss of income (with respect to bodily injury losses)
- Elimination of collateral source rule (with respect to bodily injury losses)
- Change in discount rate from 2.5% to 3.5% for determination of future income, future care and future services (with respect to bodily injury losses)
- Implementation of non-discriminatory rules for Facility Association (FA)

The Department asked us to consider after-tax returns on equity (ROE) of 5% and 10% for the insurance industry in our calculations.

This report outlines our results including an estimate of the reduction in expected loss costs due to Tort Reform in non-pecuniary damages (i.e., pain and suffering only) as well as an expected average level of premium savings to the consumers. In our analysis, we assume a September 1, 2003 effective date for Tort Reform and all other proposed changes.

SCOPE

This analysis represents an independent analysis of the impact of proposed reforms for Nova Scotia private passenger automobile insurance. We compare the discounted loss costs incorporating savings from Tort Reform to discounted loss costs under the current tort system to obtain estimates of the potential savings. We present the indicated rate changes with and without Tort Reform by coverage/sub-coverage (coverage). We also compare "required" (i.e., adequate) premiums based on the selected loss costs by coverage with and without Tort Reform to current street premiums.

For Tort Reform with threshold, we assume the following:

- A verbal threshold similar to the former OMPP which existed in Ontario in the early 1990s
- Claimants that do not meet the threshold maintain the right to recover damages under tort, but pain and suffering (non-economic) losses are limited to $2,500

For Tort Reform without threshold, we assume that all damages for pain and suffering are limited to $2,500.

We prepare the analysis for private passenger automobile only; we do not analyze the experience of any other class of vehicles. We analyze loss development and trend experience by coverage based on industry data through December 31, 2002. We do not review the unallocated loss adjustment expense (ULAE), health levy, expense ratio or the industry return on equity. For ULAE, health levy and expense ratios, we rely on the most recently published figures from the Insurance Bureau of Canada (IBC). For industry ROE, the Department requested that we assume 5% and 10% in our calculations.

In our analysis, we assume a September 1, 2003 effective date for Tort Reform and all other proposed changes.

As noted in the Reliances and Limitations section of this report, we do not audit or independently verify the data provided for our analysis. However, we review the data for reasonableness and internal consistency.

Our analysis conforms with accepted actuarial practice.

DISTRIBUTION AND USE

This report and the opinions and conclusions contained herein are provided to the Department for their internal use in analyzing the impact of Tort Reform and other proposed changes on private passenger automobile insurance. It is not intended or necessarily suitable for any other purpose.

We understand that our final report may become a public document. Permission is hereby granted for this distribution on the condition that the entire report is distributed rather than any excerpt, and that all recipients are made aware that KPMG remains available to answer any questions which may arise regarding the final report. KPMG will not be liable for the consequences of any third party acting upon or relying upon any information or conclusions contained in this report.

The exhibits and appendices attached in support of our findings and recommendations are an integral part of this report. These sections are prepared so that our actuarial assumptions and judgments are documented. Judgments about the conclusions drawn in this report should be made only after considering the report in its entirety. We remain available to answer any questions that may arise regarding this report. We assume that the user(s) of this report will seek such explanation as to any matter in question.

Our conclusions and recommendations are based on a number of assumptions as to future conditions and events. These assumptions, which are documented in subsequent sections of this report, must be understood in order to place our conclusions in their appropriate context. In addition, our findings are subject to inherent limitations, which are also discussed in this report.

RELIANCES AND LIMITATIONS

Inherent Uncertainty

It must be understood that estimates of the loss costs are subject to large potential errors of estimation due to the fact that the ultimate disposition of claims, whether reported or not, is subject to the outcome of events that have not yet occurred. Examples of these events include jury decisions, court interpretations, public attitudes towards settlements, and social/economic conditions such as inflation. Any estimate of future costs is subject to the inherent limitation on one's ability to predict the aggregate course of future events and emerging experience. It should therefore be expected that the actual loss costs would vary, perhaps materially, from any estimates. Thus, no assurance can be given that actual loss costs for Nova Scotia will not ultimately differ from the estimates contained herein.

Increased Uncertainty

The uncertainty associated with estimates of loss costs and indicated premium changes is magnified in our current analysis for numerous reasons. Some of the reasons are as follows:

- Our assumptions as to the impact of the introduction of a verbal threshold (which has never been used) in Nova Scotia may not reflect the intent of the government and may not be realized in practice.

- We estimate the savings of Tort Reform based on a very limited sample of closed claims. The Nova Scotia sample, which includes 540 claims, represents less than 20% of the number of claims incurred and less than 15% of the dollars incurred in an average accident year (for the 1997 through 2002 experience period). Furthermore, the closed claim database includes very limited data for the most serious injury categories: four death claims, one permanent brain injury claim, and no claims for quadriplegia or paraplegia.

- We do not analyze the potential impact of Tort Reform on claim reporting and payment patterns.

- In our projection of the current average street premium, we assume an 11% increase that is not reflected in the industry data at year-end 2002. To the extent the actual average rate increases prove to be higher or lower, then the average street premium and consequently the consumers' savings could be higher or lower.

- To the extent that our interpretation of the rules for the proposed depopulation of FA and/or our assumptions may not reflect the intent of the government of Nova Scotia, actual premium savings and the percentage reduction in FA population will differ from our estimates. Furthermore, the data used to estimate the number of insureds leaving FA was extremely limited. Our assumptions as to the category and number of insureds leaving FA may differ from actual experience.

- We assume a $25.00 health levy for developing required average premiums and indicated rate changes. The provincial government determines the health levy; the insurance industry does not control this factor. If the government of Nova Scotia increases the health levy, the required average premiums would increase accordingly and indicated premium savings would decrease.

- It is important to note that some of the assumptions are highly judgmental because of the lack of specific data related to loss costs under the proposed changes. This is true for the introduction of the threshold, the distribution of general damages, assumptions regarding composition of FA and likelihood of leaving FA, and income and collateral benefit assumptions.

- Finally, our loss projections are highly dependent on the selected trend rates. The longer the projection period, the greater the uncertainty and the greater the likelihood that actual experience may differ from the projected costs included in this report.

In our judgment, we employ techniques and assumptions that are appropriate and the conclusions presented herein are reasonable, given the information currently available.

Extraordinary Future Emergence

We do not anticipate any extraordinary changes to the social or economic environment or to the interpretation of policy language, which might affect the cost, frequency, or future reporting of claims. We do not anticipate any changes in the legal environment other than that intended by the proposed reforms.

In our analysis, we attempt to model the impact on future bodily injury losses for the major elements of the proposed reforms:

- Limiting pain and suffering damages
- Change from gross income to net income for determination of future loss of income
- Elimination of collateral source rule
- Change in discount rate from 2.5% to 3.5%

However, no actuarial model can possibly capture all the dynamic forces affecting either private passenger automobile insurance costs or major tort reform initiatives. Models can provide insight into the potential future loss experience and the impact of proposed changes to the future costs.

Discounting

We present the loss costs on a discounted basis, which again increases the inherent uncertainty in our estimates. That is, in addition to the risk of underestimating or overestimating the overall amount of the loss costs, there are the additional risks that the timing of the future payment of losses or the expected return on investments will differ materially from the assumptions underlying our procedure. Actual payments could occur more or less rapidly than projected due to random variations and the timing of large claim payments. In addition, capital gains or losses, or significant changes in economic conditions may affect the annual yield on assets.

SUMMARY OF FINDINGS

We analyze Tort Reform with and without the introduction of a verbal threshold. We review loss experience assuming a $2,500 limit on pain and suffering damages.

For Tort Reform with threshold, the Department indicated that the definition of the verbal threshold would be similar to the former OMPP threshold in Ontario. Claimants meeting the threshold maintain the right to recover their losses under tort. Below the threshold, claimants retain the right to recover their pecuniary losses under tort but the non-pecuniary (i.e., pain and suffering) losses are limited. Under OMPP, introduced in Ontario in June 1990, tort remedy was restricted to cases that met the verbal threshold, defined as cases of death, permanent serious disfigurement, or permanent serious impairment.

For Tort Reform without threshold, pain and suffering damages for all claimants are limited; all claimants retain the right to recover their pecuniary losses under tort.

Major Limitations

To the extent that our interpretation of the Tort Reform and/or our assumptions may not reflect the intent of the government of Nova Scotia or that projected savings may not be realized in practice, actual claim costs and premium savings would differ from our estimates.

The data used to estimate the dollars eliminated under Tort Reform was extremely limited. To the extent that the closed claim sample is not representative of the total losses for Nova Scotia, the actual claim costs and premium savings would differ from our estimates. Furthermore, while we select loss elimination ratios for the various Tort Reform options based on the Nova Scotia data, these factors are nevertheless somewhat aggressive in comparison to experience in Ontario under OMPP. Actual losses eliminated after Tort Reform may prove to be less than projected in our analysis and thus industry costs higher.

To the extent that our estimate of the current average street premium and/or our assumptions on rate increases not included in the year-end 2002 industry data may be higher or lower than the actual increases, the actual premium and premium savings would differ from our estimates.

We conduct our analysis for the industry in total. The experience of individual companies in Nova Scotia will vary, perhaps materially, from that of the industry as a whole. Thus, we expect the indicated rate changes and the impact of the proposed reforms to vary from company to company.

Due to the limitations highlighted above and elsewhere in this report, caution is warranted when using our estimates.

Impact to Consumers

The direct impact of Tort Reform and other proposed changes to consumers in Nova Scotia is dependent on the current level of adequacy of premiums. If current premiums for the industry were fully adequate, the complete impact of reforms would be recognized in a similar impact to average premiums for consumers. However, to the extent that current premiums are inadequate, the impact of Tort Reform and other proposed changes is reduced by the rate changes that would otherwise be required to return premiums to an adequate level.

Impact of All Proposed Changes from Adequate Rates

In the table below, we summarize the impact of all proposed changes from adequate rates.

Change	Impact
Tort Reform - $2,500 Limit with Threshold	-26.8%
From Gross Income to Net Income	-0.7%
Elimination of Collateral Source Rule	-1.7%
Discount Rate – from 2.5% to 3.5%	-0.3%
Total All Changes	-28.8%

Based on our analysis of Nova Scotia industry experience, as of December 31, 2002, we estimate that the required average premium is $1,200 under the current tort system at a 10% ROE. After adjusting this premium for the all proposed changes, the required average premium is $854. To estimate the impact of the proposed changes to consumers in Nova Scotia, we compare the $854 (required average premium adjusted for all changes) to the projected current average street premium. We estimate the projected current average street premium to be $1,049 based on a review of written premiums by coverage and an assumed 11% average rate change that is not reflected in our industry data. Thus, we estimate the savings to consumers to be 18.6% because of all the proposed changes. At a 5% ROE, we estimate total savings to consumers of 23.4%.

We also estimate the savings for policyholders leaving FA due to the implementation of non-discriminatory rules. Assuming all proposed changes are implemented, we estimate savings of more than 40% for these former FA insureds.

Impact of Tort Reform Only with $2,500 Limit

The following table summarizes the impact of Tort Reform based on a comparison of discounted loss costs with and without Tort Reform assuming a $2,500 limit on pain and suffering damages. (See Exhibit I, Sheet 5.)

	Impact of Tort Reform	
	With Threshold	Without Threshold
Compulsory Coverages	-34.2%	-37.8%
Optional Coverages	-1.0%	-1.1%
Total Weighted Package	-26.7%	-29.6%

It is clear from the table above that a $2,500 limit on pain and suffering, either with or without threshold, results in significant reductions to the loss costs for private passenger automobile insurance.

Impact to Consumers of Tort Reform Only with $2,500 Limit

The following two tables summarize the required rate changes and the average premiums with and without Tort Reform at alternative ROE.

	Indicated Rate Change			Required Adequate Premium		
10% ROE	Current System	With Threshold	Without Threshold	Current System	With Threshold	Without Threshold
Compulsory Coverages	49.0%	-2.2%	-7.7%	$928	$610	$576
Optional Coverages	-36.3%	-37.0%	-37.1%	$271	$268	$268
Total Weighted Package	14.4%	-16.3%	-19.6%	$1,200	$878	$843

5% ROE	Indicated Rate Change			Required Adequate Premium		
	Current System	With Threshold	Without Threshold	Current System	With Threshold	Without Threshold
Compulsory Coverages	40.2%	-8.0%	-13.1%	$874	$574	$542
Optional Coverages	-40.1%	-40.7%	-40.8%	$255	$252	$252
Total Weighted Package	7.6%	-21.3%	-24.4%	$1,129	$826	$794

While current premium levels remain inadequate in Nova Scotia, the impact of Tort Reform will be passed directly to consumers through a lower indicated rate change. Without Tort Reform, rate increases are necessary in Nova Scotia. The impact of the proposed Tort Reform is significant enough to result in premium decreases for consumers. The compulsory premium changes range from –2.2% to –13.1%. For the total weighted package, premium changes under Tort Reform range from –16.3% to –24.4%.

Tort Reform With or Without Threshold

Per the request of the Department, we analyze the impact of Tort Reform both with and without the introduction of a verbal threshold. We select loss elimination ratios of 47.5% assuming a verbal threshold and 52.6% assuming no threshold based on the Nova Scotia closed claim data.

Numerous factors influence the decisions as to whether or not to introduce a threshold into Tort Reform legislation and what limit to select for pain and suffering damages. Such factors include not only cost savings but also ease of implementation and ongoing use. Other key considerations are the needs of innocent victims with serious injuries, the response of consumers, and potential legal challenges. Based on our quantitative analysis, the additional savings between Tort Reform with and without threshold at the $2,500 limit are not significant. However, we recognize the potential for tremendous consumer discontent with limiting pain and suffering losses for those most seriously injured in automobile accidents. Nova Scotia will need to balance many different considerations when making final decisions with respect to the precise structure of Tort Reform.

Change from Gross Income to Net Income

We estimate the impact of changing from gross income to net income as the basis for determining future loss of income with respect to BI losses. Our analysis is based on statistics from the CCRA web site for tax year 2000. We develop an average, province-wide ratio of net to gross income of 86.7% based on a comparison of net income to gross income. We estimate that the overall savings based on this change is 0.7%. (See Appendix G.)

Elimination of Collateral Source Rule

We estimate the impact of eliminating the ability of claimants to recover future income under both bodily injury coverage of automobile policies and other forms of wage replacement insurance (e.g., employer-sponsored plans, individual disability insurance policies, etc.). Our analysis is based on statistics from the CCRA web site for tax year 2000. We assume that 70% of people with an annual income greater than $25,000 have collateral insurance; we further assume that the average collateral source benefit is equal to 62.5% of gross income. We estimate that the overall savings based on this change is 1.7%. (See Appendix H.)

We also test the sensitivity of the estimated savings due to changes in our key assumptions for:

- Attachment income value for collateral sources (i.e., annual income greater than $15,000 instead of 25,000)
- Proportion of population with collateral sources
- Collateral source benefit percentage (as percentage of gross income)

We estimate savings of 3.2% assuming 80% of the population with annual incomes of $15,000 and greater have collateral source benefits and that the collateral benefit percentage is 80%. Assuming 50% of the population with annual incomes of $25,000 and greater have collateral source benefits and that the collateral benefit percentage is 50%, the estimated savings are 1.0%. We believe that savings of 1.7% are a reasonable estimate for the elimination of the collateral source rule.

Change in Discount Rate from 2.5% to 3.5%

We also estimate the impact of changing the discount rate from 2.5% to 3.5%. We select 3.5% based on CPI of 2% and rate of return of 5.5%. This is reasonable based on long-term Government of Canada bonds. To determine a range of potential savings, we estimate the impact based on four alternative payment patterns ranging from five years to twenty years and in all cases assuming equal payments in each year. The impact of the 1% change in discount rate varies from –0.1% to –0.5%. Thus, we project that the savings of a 1% change in discount rate is 0.3%. (See Appendix I.)

Implementation of Non-Discriminatory Rules for FA

The Department requested KPMG to calculate the impact of its proposed depopulation of FA. Specifically, we estimate the percentage of insureds that would leave FA due to the following:

- Not at-fault accident records
- Missed payments

Based on information presented by the FA to the Public Hearing of the Utility and Review Board of Nova Scotia, we estimate that approximately one-third of the insureds currently in FA would be returning to the regular market.

In 2002, FA's share of the market in Nova Scotia was 4.94%. Therefore, the depopulation of FA due to the reasons listed above would affect 1.6% of the total insured population in Nova Scotia.

FA rates are filed and approved by the Utility and Review Board. Insureds in FA pay on average a much higher premium than insureds in the regular market. Loss costs for FA policyholders are also significantly higher than the industry because of the inherent nature of the insureds in FA.

Based on the last rate filing, we estimate that the average street premium for FA is $2,750. However, the insureds that would be leaving the FA under the proposed depopulation would not be the "high risk" insureds but most likely insureds that probably should not have been in FA in the first place. We assume that the mix of insureds leaving FA is similar to the mix of insureds in the regular market. Because FA has significantly higher loss costs than the industry, we adjust the estimated average FA premium by a risk factor to reflect the fact that insureds leaving FA would be the less "risky" insureds than FA's core business and more similar to the industry.

Therefore, after adjustment to reflect the lower claim costs, the average street premium for risks leaving FA, is $1,468 compared to $854 for the regular market adjusted for all other changes. The estimated savings for risks moving out of FA is significant at more than 40% at both 5% and 10% ROE. (See Appendix J.)

DATA

Basis of Data

In our analysis, we analyze only private passenger automobile and no other class of business. We rely on the all-industry data contained in the Loss Development Exhibit and the Actual Loss Ratio Exhibit as of December 31, 2002 published by IBC. We also rely on data and information contained in the following:

- Tort Bodily Injury 2001 Closed Claim Data Extract for Nova Scotia
- Nova Scotia Private Passenger Automobile Insurance Tort Bodily Injury 2001 Closed Claim Survey Summary Report prepared by R.R. Miller, Exactor Insurance Services Inc.
- Actuarial Report, "Actuarial Evidence of the Insurance Bureau of Canada", submitted to the Nova Scotia Utilities and Review Board August 26, 2002 prepared by R.R. Miller, Exactor Insurance Services Inc.
- Actuarial Report, "Summary Actuarial Report on the Cost of Alternative Automobile Insurance Products for Calendar/Accident Year 2003 and Beyond for Private Passenger Automobile Insurance in Nova Scotia", prepared for the Atlantic Automobile Insurance Coalition by R.R. Miller, Exactor Insurance Services Inc, July 2002.
- Actuarial Report of Selected Loss Development Factors for Incurred Counts and Amounts for All-Industry Atlantic Provinces Automobile Insurance – Private Passenger (excluding Farmers) and Ordinary Commercial (including Fleets) as of the valuation date December 31, 2002 prepared for IBC by R.R. Miller, Exactor Insurance Services Inc., May 2003
- IBC Loss Development Exhibits and the Actual Loss Ratio Exhibits for Ontario as of December 31, 1999 and June 30, 2002
- Nova Scotia income statistics for 2000 tax year from Canada Customs and Revenue Agency (CCRA)
- Eckler Partners' report "Facility Association Private Passenger and Commercial Vehicles Rate Programmes Province of Nova Scotia", September 2002 (Eckler FA Report)

Organization of Data

We conduct our analysis by the following coverages:

- Third party liability (TPL) – bodily injury (BI)
- TPL – property damage (PD)
- Accident benefits (AB)
- Uninsured automobile (UA)
- Underinsured motorist (UM)
- Collision (Coll)
- Comprehensive (Comp)
- All perils (AP)
- Specified perils (SP)

Limitations of Data

We rely on the general accuracy of all data and information without audit or independent verification. However, we review this information for reasonableness and internal consistency. The accuracy of our results is dependent upon the accuracy and completeness of the underlying data; therefore, any material discrepancies discovered in this data and information should be reported to us and this report amended accordingly, if warranted.

Where appropriate, we supplement the Nova Scotia information with conclusions drawn from data compiled from general industry sources.

DESCRIPTION OF GENERAL METHODOLOGY

Our analysis is comprised of four primary tasks. First, we select adjustment factors to reflect the impact of Tort Reform with and without the verbal threshold. For Tort Reform with threshold, we assume the introduction of a verbal threshold similar to that underlying OMPP in Ontario in 1991. For both Tort Reform options, we assume claimants maintain access to tort remedies for all damages except for pain and suffering which would be limited to $2,500.

Second, we develop discounted loss costs by coverage assuming no change to the tort system and assuming the implementation of Tort Reform with and without threshold.

Third, we develop the overall rate level indications for Nova Scotia with and without Tort Reform at ROE of both 5% and 10%.

Fourth, we estimate the impact of specific changes to private passenger automobile insurance as requested by the Department.

We describe each of these tasks in detail in the following section. Further details are provided in the footnotes and column headings of all the exhibits and appendices.

DESCRIPTION OF SPECIFIC METHODOLOGY

Task 1 – Adjustment Factor for Tort Reform

Analysis of Nova Scotia Closed Claim Data

The first step of our analysis is to determine the adjustment factor for Tort Reform with and without threshold. We rely on the Nova Scotia closed claim data provided by R.R. Miller of Exactor Insurance Services Inc.

For Tort Reform with threshold, we divide the closed claim database into (1) claims that would remain entirely within the tort system (meeting threshold) and (2) claims that would receive limited pain and suffering payments (below threshold).

Based on the OMPP verbal threshold of "death, permanent serious disfigurement, or permanent serious impairment", we assume that the following injury categories remain entirely within the tort system:

- Death
- Quadriplegia
- Paraplegia
- Permanent brain
- Amputation/loss major member
- Loss of sense
- Internal organ
- Disfigurement/scarring
- Serious laceration
- Serious burn
- TMJ

We assume a maximum of $2,500 for pain and suffering payments for the following injury categories:

- Amputation/loss other
- Fracture, weight bearing
- Other fracture
- Neck sprain/strain
- Back sprain/strain
- Other sprain/strain
- Fibromyalgia/chronic pain
- Concussion
- Minor
- Other

In addition to limiting pain and suffering losses, we adjust proportionately the prejudgment interest (PJI) to reflect the reduced damages for pain and suffering. We do not adjust or limit any other category of claim payments. (See Appendix A, Sheet 2a for summary of losses based on the closed claim data.)

Based on the Nova Scotia closed claim data, we estimate that claims meeting the threshold represent less than 5% of the claim counts and less than 10% of the total dollars under the current tort system; claims meeting the threshold account for 9% of the non-economic (i.e., pain and suffering) damages paid.

With a threshold, the limiting of pain and suffering damages to $2,500 will eliminate 49.9% of the total BI claim costs based on the Nova Scotia closed claim sample data (Appendix A, Sheet 1). The capping eliminates 80% of the pain and suffering damages for claims below the threshold and 73% of total pain and suffering losses in the sample data. We also assume a proportionate reduction in the PJI when developing the 49.9% elimination ratio.

We compare the total loss and ALAE payments eliminated by the reduction in pain and suffering losses for those claimants not meeting the threshold definition to the total losses without any adjustment. Total losses eliminated are approximately 49.9%. We then assume 2% of losses would be due to out-of-province claims for which access to the tort system would not be limited. We also assume a 3% erosion factor to reflect potential escalation in the claims that would enter the tort system. Thus, based on the Nova Scotia closed claim data, we calculate an adjustment factor for Tort Reform with threshold of 47.5% for BI claims. (See Appendix A, Sheet 1, Lines (1) through (4).)

For Tort Reform without threshold, we simply limit all pain and suffering damages to $2,500. Total losses eliminated are 55.3%. We apply the same 2% factor for out of province claims and 3% for erosion. We calculate an adjustment factor for Tort Reform without threshold of 52.6% based on the Nova Scotia closed claim data.

Analysis of OMPP Experience

We review the experience of Ontario private passenger auto BI experience to determine the reasonableness of the adjustment factors indicated by the Nova Scotia closed claim data.

The private passenger auto experience in Ontario is quite mature for the tort years (1985 through 1989) and OMPP (1991 through 1993). In Appendix A, Sheets 3a and 3b, we compare incurred loss experience for the tort years and the OMPP years based on IBC data as of December 31, 1999 and June 30, 2002. The data in this summary do not include any adjustment factors for future loss development or trend.

While we recognize that further loss development is likely for many of the accident years and that the impact of trend may be significant, the current relationship is nevertheless meaningful. OMPP provided no access to tort remedies for claimants falling below the verbal threshold. Thus, in some respects OMPP can be considered a more strict and limiting system than that proposed by Nova Scotia. The ratio of OMPP to tort experience is approximately 30% for both sets of data (i.e., December 31, 1999 and June 30, 2002) and for both loss costs and loss ratios. The losses eliminated by the introduction of OMPP are thus approximately 70% (100% - 30% ratio).

The Nova Scotia closed claim survey indicated that 47.5% of the losses would be eliminated by the verbal threshold. This is in line with our expectation, although somewhat high, based on a comparison with the Ontario experience.

Selected Adjustment Factor for Tort Reform

Based on a review of the OMPP experience and the Nova Scotia closed claim data, we select an adjustment factor of 47.5% for Tort Reform with threshold. For Tort Reform without threshold, we select an adjustment factor of 52.6%.

We develop the adjustment factors based on BI data only. We assume that 50% of the adjustment is also applicable to UA experience and 100% is applicable to UM experience.

Task 2 – Development of Discounted Loss Costs

We develop loss costs, by coverage, based on the IBC loss and exposure experience of accident years 1997 through 2002. Loss costs are defined as losses divided by exposures. We adjust IBC loss data for the following:

- Loss development
- Trend
- ULAE
- Tort Reform

Loss Development

We summarize ultimate losses (including ALAE) and claim counts by accident year in Appendix C based on the incurred development technique. The distinguishing characteristic of the loss development technique is that ultimate losses for each accident year are produced from recorded dollars. The underlying assumption in this technique is that losses reported to date will continue in a similar manner in the future. That is, the loss development technique assumes the relative change in a given year's losses from one evaluation point to the next is similar to the relative change in prior years' evaluations.

Generally, the loss development method consists of five basic steps:

1. Display loss data in a loss triangle
2. Calculate age-to-age factors and average age-to-age factors
3. Select loss development factors for each age-to-age period
4. Calculate cumulative loss development factors (age-to-ultimate)
5. Project ultimate losses by multiplying current evaluation of losses by cumulative loss development factors

Step 1 – Display Loss Data

We present incurred loss and claim count development triangles by coverage in Appendix B. For all coverages, we present development triangles for Nova Scotia based on IBC data through December 31, 2002. For uninsured motorists and underinsured motorists, we also present data for Atlantics due to the limited volume of experience in Nova Scotia for these two coverages. We rely on IBC half-year data from 1990 through 2002. We also analyze paid loss development experience in Appendix F for developing present value factors to reflect future investment income.

Step 2 – Calculate Age-to-Age Factors

The next step is to calculate age-to-age factors. Age-to-age factors measure the change in incurred losses from one evaluation point to the next. The age-to-age factors based on IBC data are shown in Appendix B. We calculate average age-to-age factors based on the following:

- Simple averages (latest 14, 10 and 6 points)
- Medial average (simple average for latest 10 points excluding highest and lowest factors)
- Volume weighted averages (latest 14, 10 and 6 points)

Step 3 – Select Loss Development Factors

The selected loss development factor represents the growth we anticipate in the next development interval. We examine the development experience, the age-to-age factors and the age-to-age averages for the following characteristics:

- *Smoothness of individual age-to-age factors and average factors.* Ideally, the pattern demonstrates steadily decreasing incremental development from evaluation to evaluation, especially in the later evaluations.

- *Stability of age-to-age factors.* Ideally, there is a relatively small range of factors (small variance) within each column.

- *Credibility of the experience.* The credibility is generally based on the volume of losses for a given underwriting year and age.

- *Changes in patterns.* We review factors by column for increasing or decreasing patterns indicating systemic changes in the industry.

- *Applicability of the historical experience.* Based on the qualitative information regarding changes in the industry over time, we determine the appropriateness of historical factors for projecting future experience.

We select loss development factors based on a review of the various average factors, the triangle of age-to-age factors, and industry benchmark patterns.

Step 4 – Calculate Cumulative Loss Development Factors

We calculate cumulative loss development factors by successive multiplication, beginning with the tail factor and the oldest age-to-age factor. The cumulative loss development factor is used to project total growth over the remaining evaluations.

Step 5 – Project Ultimate Losses

Ultimate losses are equal to the product of losses as of December 31, 2002 and the appropriate cumulative loss development factors. Projected ultimate values are shown at the bottom of each sheet in Appendix B by accident half-year. In Appendix C, we summarize ultimate losses and claim counts by full accident year for 1992 through 2002.

Ultimate Losses and Claim Counts

As noted above, we summarize ultimate losses and claim counts by coverage and accident year in Appendix C. We also present ultimate loss costs, severities and frequencies. Loss costs are equal to ultimate losses divided by earned exposures. The severity is equal to ultimate losses divided by ultimate claim counts; and the frequency is equal to ultimate claim counts divided by earned exposures. The primary reason for analyzing the loss costs in its severity and frequency components is to assist in the selection of annual trend factors.

Trend

We use trend factors to adjust historical losses (including ALAE) for the expected influence of economic, social and related forces over time. We select annual loss costs trend rates in Appendix D by coverage. The loss costs include loss and ALAE but exclude ULAE and the health levy. For each coverage, we analyze the results of different regressions based on four different time periods:

- All years (1992 through 2002)
- 7-year (1996 – 2002)
- 5-year (1998 – 2002)
- 4-year (1999 – 2002)

We review the results of the R-squared regression statistic, which measures the "goodness of fit" of a particular regression and the resulting annual trend rate. We review the trends of the loss cost statistics as well as its components, severity and frequency. We also review the annual rates of change and the patterns in the annual rates of change over the experience period.

The following table summarizes our selected annual trend rates by coverage.

Coverage	Selected Annual Trend
Bodily Injury	8%
Property Damage	0%
Accident Benefits	8%
Uninsured Automobile	8%
Underinsured Motorists	8%
Collision	3%
Comprehensive	2%
All Perils	2%
Specified Perils	2%

For BI, annual rates of change for the most recent two years are significantly lower than for 1997 through 2000. There has been a significant drop in frequency trends in the last two years for this coverage. Our selection of 8% is more reflective of the long-term patterns than the most recent experience.

For PD, there has been tremendous variability in loss cost trend rates for the entire experience period. While the annual change in severity is positive for all years except 2002, there has been a consistent downward trend in frequency rates. By selecting a 0% annual trend rate for PD, we assume that any increases in severity will be offset by decreases in claim frequency.

There is also much variability in the annual trend rates for AB. The annual rate of change in loss costs for AB is negative for the last two years, whereas the annual rate of change was greater than 10% for 1998 through 2000. For AB, UA and UM, we select the same trend rate as for BI. For UA and UM, we review the experience of Atlantics instead of Nova Scotia due to the lack of credible data for Nova Scotia only.

For Coll, we select a 3% loss cost trend assuming the downward frequency trend will level off and the severity trend will continue. For the remaining physical damage coverages (Comp, AP and SP), we select a 2% annual trend rate based on current general inflation rates.

The trending period for losses is based on the average date of loss underlying the experience year to the average date of loss that will occur under the new proposed rates. We assume a September 1, 2003 effective date for new rates and thus the average loss date is September 1, 2004 assuming an even distribution of written policies throughout the year. We further assume 12-month policies and rates effective for a 12-month period.

The trending period for premiums is based on the average written date underlying the experience year to the average written date that will occur under the new proposed rates. Assuming a September 1, 2003 effective date, the average written date under the new rates is March 1, 2004.

ULAE

IBC industry data includes loss and ALAE; ULAE, however, is not included. We add a provision for ULAE in Exhibit III. We adjust ultimate losses for each coverage and each accident year by historical ULAE factors as reported by IBC.

Adjustment Factors for Tort Reform

The final factors for the development of loss costs are the adjustment factors for Tort Reform. We select adjustment factors of 47.5% and 52.6% with and without threshold, respectively, in Appendix A. We apply 100% of the factors to BI and UM and 50% of the adjustment factors to UA.

Selected Loss Costs

In Exhibit III, we present ultimate losses, earned exposures, and the projection factors for ULAE and Tort Reform. In Exhibit II, we summarize earned exposures, projected ultimate loss costs under the current system and under Tort Reform with and without threshold. Selected loss costs, by coverage, are summarized in the table below.

Coverage	Current System	Tort Reform With Threshold	Tort Reform Without Threshold
Bodily Injury	$490.00	$257.00	$232.00
Property Damage	68.00	68.00	68.00
Accident Benefits	80.00	80.00	80.00
Uninsured Automobile	14.40	11.00	10.60
Underinsured Motorists	5.00	2.75	2.50
Collision	161.00	161.00	161.00
Comprehensive	92.00	92.00	92.00
All Perils	212.00	212.00	212.00
Specified Perils	44.00	44.00	44.00

Discounted Loss Costs

In Exhibit I, Sheet 5, we develop weighted average loss costs with and without the effect of discounting for future investment income. Loss costs are presented by compulsory and optional coverages. A health levy of $25 is added to the compulsory coverages. We apply present value factors, developed in Exhibit IV, to adjust for future investment income assuming a 3.5% annual yield on investments. We then weight loss costs based on the earned exposures for accident year 2002 to develop a total weighted package discounted loss cost. Our final step is to compare the discounted loss costs under the current system to the discounted loss costs under Tort Reform. Based on this comparison, we estimate a 26.7% savings due to the introduction of the verbal threshold and the limiting of pain and suffering losses to $2,500 for those claimants not exceeding the threshold. We estimate a 29.6% savings as a result of Tort Reform without threshold.

Task 3 – Indicated Rate Level Change

To establish the overall rate level requirement for private passenger automobile in Nova Scotia, we rely on the loss ratio method. We assume a September 1, 2003 effective date. The loss ratio method starts with historical loss and premium information for the most recent six years. Losses are projected to ultimate levels and then trended forward to represent the level of losses that will be expected during the effective period of the proposed rates. Historical premiums are adjusted for past rate level changes and premium drift, to bring all years of data to the current rate level.

Comparison of the losses and premiums at this point (after appropriate weights have been applied to the individual years) gives the loss ratio that would be expected if the current rates remained in effect. The loss ratios are then credibility weighted with the trended permissible loss ratio to produce an expected loss ratio. Comparison of this loss ratio to the permissible loss ratio gives the magnitude of the increase or decrease required to achieve the permissible loss ratio during the period of the proposed new rates. We present the calculations for the indicated rate level change in Appendix E.

In the loss ratio approach, we adjust premiums by:

- Premium on-level factors
- Drift factors

We adjust losses by:

- Loss development factors
- Trend factors
- ULAE
- Health levy
- Adjustment factors for Tort Reform

Premium Adjustment Factors

Premium on-level factors are required in order to adjust historical earned premiums to the level underlying current rates. Since we do not have the individual details of all rate changes in Nova Scotia during the experience period, we use the ratio of earned premiums in successive accident years by coverage to develop industry-wide on-level factors. We adjust to the 2003 level using a ratio of average written to earned premium for 2002 and assuming an 11% rate increase that is not reflected in industry data. (See Appendix E, Sheets 9a through 9c.)

Drift factors are applied to historical premiums to reflect natural policyholder movements in both limits and vehicle groupings. We rely on industry-wide information to judgmentally select drift factors for changes in increased limits for BI and UM and for changes in vehicle rate group for physical damage coverages.

Loss Adjustment Factors

Adjustment factors for loss development, trend, ULAE and Tort Reform are all discussed earlier in this report. We include provision for the health levy in BI by adding $25 per exposure to ultimate, trended, adjusted losses.

Projected Loss Ratios

In Appendix E, Sheets 7 and 8, we calculate projected loss ratios by coverage and accident year. Projected loss ratios including all adjustments to premium, and losses are developed with and without the adjustment factors for Tort Reform.

We seek a balance of stability and responsiveness in developing a weighted average projected loss ratio. To achieve stability, we rely on a five-year experience period, 1998 to 2002. To achieve responsiveness, we give increasingly greater weight to the experience of the most recent accident years.

Credibility

We calculate credibility using the ultimate number of reported claim counts in the experience period. Credibility of 100% is assigned if the number of claims was greater than 4,330 for BI, AB, UA and UM. For the remaining coverages, we assume a full credibility standard of 1,082. We use a square root rule to determine credibility values less than 100%.

Our full standard credibility of 4,330 claims is a result of the consideration of the claim frequencies only. It represents a 90% probability that the actual results will not deviate by more than +/- 2.5% of the estimate. If we include severity, the full credibility standard will be higher. The selection of a lower full credibility number for the physical damage coverages allows us to give more weight to the actual experience, which is appropriate given the lower inherent variability in these coverages.

Underwriting Margin

We present a sample of our calculations for underwriting margin for BI in Appendix E, Sheets 6a and 6b. The underwriting margins are calculated by coverage and reflect the following considerations:

- Profit provision
- Target ROE
- Income tax rate
- Investment tax rate
- Premium to surplus ratio
- Portion of premium that is expenses at the inception of the policy and is not available for investment
- Amount of time that the premiums can be invested before losses are paid
- Investment return

The target underwriting margin is the margin necessary to achieve the target ROE, given the considerations listed above. The Department provided target ROE of 5% and 10% after tax.

The selected underwriting and investment tax rate of 40.1% is based on current rates in Nova Scotia. We assume a 2 to 1 premium to surplus ratio. Based on discussion with the Department, we assume a 3.5% return on investments.

Permissible Loss Ratio

We develop the permissible loss ratio in Appendix E, Sheet 5. The permissible loss ratio is equal to 100% less expenses and underwriting margin. Based on the most recent available IBC data, we assume:

- 13.2% acquisition expenses
- 4.0% taxes, license and fees
- 9.8% general expenses

The table below summarizes, by coverage, the underwriting margins and the permissible loss ratios assuming 5% and 10% ROE.

	Underwriting Margin		**Permissible Loss Ratio**	
	5% ROE	**10% ROE**	**5% ROE**	**10% ROE**
Bodily Injury	-5.8	-1.1	78.8	74.1
Property Damage	+1.9	+6.1	71.1	66.9
Accident Benefits	-2.4	+2.1	75.4	70.9
Uninsured Automobile	-4.6	-0.0	77.6	73.0
Underinsured Motorists	-8.7	-3.9	81.7	76.9
Collision	+2.5	+6.7	70.5	66.3
Comprehensive	+2.4	+6.5	70.6	66.5
All Perils	+2.5	+6.7	70.5	66.3
Specified Perils	+2.4	+6.5	70.6	66.5
TOTAL	-1.8	+2.6	74.8	70.4

Indicated Rate Change

In Appendix E, Sheets 1 through 4, we develop the indicated rate change for Nova Scotia with and without Tort Reform, assuming 5% and 10% ROE. Projected loss ratios based on historical experience are credibility weighted with projected permissible loss ratios that include adjustment for trend and tort reform (where appropriate). The credibility weighted projected loss ratios are compared to the permissible loss ratio to derive the indicated rate level change for the province. The calculated rate changes are those required to bring the estimated current premiums to adequate level. To the extent that insurers' rate increases differ from our estimates, the required changes will be different. These changes are overall averages and do not reflect any differences in territory, class or driving record.

Task 4 – Analysis of Other Changes Proposed by the Department

The Department requested KPMG to analyze the impact of four further changes:

- Change from gross income to net income for determination of future loss of income (with respect to bodily injury losses)
- Elimination of collateral source rule (with respect to bodily injury losses)
- Change in discount rate from 2.5% to 3.5% for determination of future income, future care and future services (with respect to bodily injury losses)
- Implementation of non-discriminatory rules for FA

We present these analyses in Appendices G through J, respectively.

Change from Gross Income to Net Income

Based on CCRA data for tax year 2000, we calculate by income range the average annual net and gross income in Nova Scotia. To determine net income, we deduct from gross income the following:

- Canadian Pension Plan (CPP) contributions
- CPP from self-employed
- Employment insurance premiums
- Net Federal tax
- Net Provincial tax

Based on the distribution of wage earners by income range, we determine a province-wide ratio of net to gross average annual income of 86.7%. We then estimate the impact of the change based on the proportion of total discounted loss costs that are BI (39.3%) and the proportion of total BI losses (after limitations for Tort Reform) that are related to future income (13.6%) as this is the only component that would be impacted by this change. The total impact is a savings of 0.7% (after Tort Reform). (See Appendix G.)

Elimination of Collateral Source Rule

We start with the gross income data summarized for the proposed change from gross to net income. We assume that 70% of people with an annual income greater than $25,000 have collateral insurance; we further assume that the average collateral source benefit is equal to 62.5% of gross income. Based on the distribution of wage earners by income range, we estimate a 32.4% savings in weekly benefits due to elimination of the collateral source rule. We then estimate the impact of this change based on the proportion of total discounted loss costs that are BI (39.3%) and the proportion of total BI losses (after limitations for Tort Reform) that are related to future income (13.6%) as this is the only component that would be impacted by this change. The total impact is a savings of 1.7% (after Tort Reform). (See Appendix H.)

Change in Discount Rate

We estimate the effect of a change in the discount rate from 2.5% to 3.5% in Appendix I. We calculate a range of impacts based on payment patterns varying from five years to twenty years. The impact is based on the proportion of total discounted loss costs that are BI (39.3%) and the proportion of total BI losses (after limitations for Reform Package) that are related to future income, future care and future services (17.5%) as these are the components that would be impacted by a change in discount rate. As noted previously, the impact of changing the discount rate by 1% is not significant; the savings are 0.5% based on the longest payment pattern assumption.

Implementation of Non-Discriminatory Rules for FA

FA collects a Binder Registry Control (Control), which contains 25 reasons why people are placed into FA. To estimate the number of insureds leaving FA, we use the Control results presented at the 2002 Hearing before the Utility and Review Board.

We use the following categories for insureds potentially leaving FA:

- One accident
- 5 or more not at fault
- 3 or more non-payment cancellation
- Accident/claim frequency
- Premium payment history
- No market for that risk in the broker's office

For the accident categories, if the fault was not indicated we assume 65% of the category will leave based on the assumption that 65% of the drivers are not at fault. For the payment categories, we assume all are leaving; and for the no market category, we assume that at least 50% will meet the criteria to leave.

The "no market for the risk " category represents almost 50% of the survey. This is a significant number. It is possible that a portion of the risks in this category are victims of the hard market; therefore a large portion of these risks will likely come out due to the government focus on depopulating the FA. It is also important to note that as the proposed changes lower the claim costs, rates return to more adequate levels, and market conditions improve, insurers will start to retain more business on their own books.

To estimate the premium savings for insureds leaving FA, we start with the FA filing submission dated September 10, 2002 prepared by Eckler Partners (Eckler). We adjust the average projected premiums shown in the Eckler FA Report by trend factors to adjust to a September 1, 2003 effective date. We also adjust the premiums by risk factors to reflect that insureds leaving FA will be less risky than the average FA insureds. We also apply the approved rate increase of 27.8% effective March 1, 2003.

We compare the adjusted average premium for risks leaving FA to the projected average premium after impact of all changes to derive indicated savings of more than 40% for insureds leaving FA and returning to the regular market. (See Appendix J.)

Rounding

The calculations in the attached exhibits and appendices are carried out to a greater number of decimals than are presented. Totals and calculations may differ due to rounding.

Exhibit I
Sheet 1a

Summary of All Proposed Changes
10% ROE

Proposed Tort Reforms

(1)	Estimated Required Premium - Total Weighted Package - Current System	1,199.77
(2)	Impact of Proposed Changes	
	(a) Tort Reform with $2,500 Limit for Pain and Suffering With Threshold	-26.8%
	(b) Change from Gross Income to Net Income	-0.7%
	(c) Elimination of Collateral Source Rule	-1.7%
	(d) Change in Discount Rate from 2.5% to 3.5%	-0.3%
	(e) Total All Proposed Changes	-28.8%
(3)	Projected Required Premium - Total Weighted Package - After Impact of All Proposed Changes	854.14
(4)	Projected Current Average Street Premium	1,049.06
(5)	Indicated Change from Projected Current Average Street Premium	-18.6%

Implementation of Non-Discriminatory Rules for FA

(6)	Projected Street Premium for Policyholders Leaving FA	1,464.81
(7)	Indicated Change for Former FA Policyholders to Projected Required Premium - Total Weighted Package, After Impact of All Changes including AB	-41.7%

Line Notes:
(1) Developed in Exhibit I, Sheet 2, Column (7).
(2a) Based on comparison of discounted loss costs - total weighted package from Exhibit I, Sheet 3a, Columns (8) and (7).
(2b) - (2d) Developed in Sheet 1 of Appendices G through I, respectively.
(2e) = {[(1 + (2a)) x (1 + (2b)) x (1 + (2c)) x (1 + (2d))] - 1.00}.
(3) = [(1) x (1.00 + (2e))].
(4) Developed in Exhibit V, Sheet 1, Line (8).
(5) = [((3) / (4)) - 1.00].
(6) Developed in Appendix J, Sheet 1, Line (8).
(7) = [((3) / (6)) - 1.00].

Exhibit I
Sheet 1b

Summary of All Proposed Changes
5% ROE

Proposed Tort Reforms

(1)	Estimated Required Premium - Total Weighted Package - Current System	1,128.83
(2)	Impact of Proposed Changes	
	(a) Tort Reform with $2,500 Limit for Pain and Suffering With Threshold	-26.8%
	(b) Change from Gross Income to Net Income	-0.7%
	(c) Elimination of Collateral Source Rule	-1.7%
	(d) Change in Discount Rate from 2.5% to 3.5%	-0.3%
	(e) Total All Proposed Changes	-28.8%
(3)	Projected Required Premium - Total Weighted Package - After Impact of All Proposed Changes	803.64
(4)	Projected Current Average Street Premium	1,049.06
(5)	Indicated Change from Projected Current Average Street Premium	-23.4%

Implementation of Non-Discriminatory Rules for FA

(6)	Projected Street Premium for Policyholders Leaving FA	1,464.81
(7)	Indicated Change for Former FA Policyholders to Projected Required Premium - Total Weighted Package, After Impact of All Changes including AB	-45.1%

Line Notes:
(1) Developed in Exhibit I, Sheet 3, Column (7).
(2a) Based on comparison of discounted loss costs - total weighted package from Exhibit I, Sheet 3b, Columns (8) and (7).
(2b) - (2d) Developed in Sheet 1 of Appendices G through I, respectively.
(2e) = {[(1 + (2a)) x (1 + (2b)) x (1 + (2c)) x (1 + (2d))] - 1.00}.
(3) = [(1) x (1.00 + (2e))].
(4) Developed in Exhibit V, Sheet 1, Line (8).
(5) = [((3) / (4)) - 1.00].
(6) Developed in Appendix J, Sheet 1, Line (8).
(7) = [((3) / (6)) - 1.00].

Exhibit I
Sheet 2

Summary of Required Premium and Change from Projected Current Street Premium
Current System and Proposed Tort Reform
Assuming $2,500 Limit on Pain & Suffering

	Proj Current	Required Premium			Change from Proj Current Street Premium		
	Street	Current	Tort Reform		Current	Tort Reform	
Coverage	Premium	System	w/ Threshold	w/o Threshold	System	w/ Threshold	w/o Threshold
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		10% ROE					
Compulsory	623.55	928.91	609.95	575.68	49.0%	-2.2%	-7.7%
Optional	425.52	270.85	268.05	267.73	-36.3%	-37.0%	-37.1%
Total	1,049.06	1,199.77	878.00	843.42	14.4%	-16.3%	-19.6%
		5% ROE					
Compulsory	623.55	873.99	573.89	541.64	40.2%	-8.0%	-13.1%
Optional	425.52	254.84	252.20	251.91	-40.1%	-40.7%	-40.8%
Total	1,049.06	1,128.83	826.09	793.55	7.6%	-21.3%	-24.4%

Column Notes:
(2) From Exhibit V, Sheet 1; equal { Column (5) x [1 + Line (7)] }.
(3)-(5) Required premium from Exhibit I, Sheets 3a & 3b.
(6) = [((3) / (2)) - 1.00].
(7) = [((4) / (2)) - 1.00].
(8) = [((5) / (2)) - 1.00].

Exhibit I
Sheet 3a

Required Premium and Change from Projected Current Street Premium
Current System and Proposed Tort Reform
Assuming 3.5% Annual Rate of Return and 10.0% ROE

		Projected Undiscounted Loss Costs			Discounted	Required Premium			Proj Current	Change from Proj Current Street Premium		
Coverage/		Current	Tort Reform - $2,500 Limit		PLR	Current	Tort Reform - $2,500 Limit		Street	Current	Tort Reform - $2,500 Limit	
Sub-coverage	Weights	System	w/ Threshold	w/o Threshold	ROE=10%	System	w/ Threshold	w/o Threshold	Premium	System	w/ Threshold	w/o Threshold
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
TPL - BI (Incl. Health Levy)	100%	515.00	282.00	257.00	74.1%	694.71	380.40	346.68	439.45	58.1%	-13.4%	-21.1%
TPL - PD	100%	68.00	68.00	68.00	66.9%	101.65	101.65	101.65	77.05	31.9%	31.9%	31.9%
TPL - Total		583.00	350.00	325.00		796.36	482.05	448.33	516.50	54.2%	-6.7%	-13.2%
Accident Ben.	100%	80.00	80.00	80.00	70.9%	112.83	112.83	112.83	91.88	22.8%	22.8%	22.8%
Uninsured Auto.	100%	14.40	11.00	10.60	73.0%	19.72	15.07	14.52	15.17	30.0%	-0.7%	-4.3%
Compulsory Coverages		677.40	441.00	415.60		928.91	609.95	575.68	623.55	49.0%	-2.2%	-7.7%
Underins. Motor.	96%	5.00	2.75	2.50	76.9%	6.50	3.58	3.25	23.17	-71.9%	-84.6%	-86.0%
Collision	57%	161.00	161.00	161.00	66.3%	242.88	242.88	242.88	377.91	-35.7%	-35.7%	-35.7%
Comprehensive	70%	92.00	92.00	92.00	66.5%	138.44	138.44	138.44	195.35	-29.1%	-29.1%	-29.1%
All Perils	9%	212.00	212.00	212.00	66.3%	319.82	319.82	319.82	564.63	-43.4%	-43.4%	-43.4%
Specified Perils	1%	44.00	44.00	44.00	66.5%	66.21	66.21	66.21	88.02	-24.8%	-24.8%	-24.8%
Optional Coverages		180.37	178.21	177.97		270.85	268.05	267.73	425.52	-36.3%	-37.0%	-37.1%
Total Weighted Package		857.77	619.21	593.57		1,199.77	878.00	843.42	1,049.06	14.4%	-16.3%	-19.6%

General Note: Health Care Levy Loss Cost is $ 25.00 per car as per IBC.

Column Notes:
(2) See Exhibit I, Sheet 5, Column (2).
(3)-(5) From Exhibit I, Sheet 5, Column (3) to (5) respectively.
(6) Developed in Appendix E, Sheet 5, Line (10).
(7) = [(3) / (6)].
(8) = [(4) / (6)].
(9) = [(5) / (6)].
(10) From Exhibit V, Sheet 1; equal { Column (5) x [1 + Line (7)] }.
(11) = [((7) / (10)) - 1.00].
(12) = [((8) / (10)) - 1.00].
(13) = [((9) / (10)) - 1.00].

Exhibit I
Sheet 3b

Required Premium and Change from Projected Current Street Premium
Current System and Proposed Tort Reform
Assuming 3.5% Annual Rate of Return and 5.0% ROE

		Projected Undiscounted Loss Costs			Discounted	Required Premium			Proj Current	Change from Proj Current Street Premium		
		Current	Tort Reform - $2,500 Limit		PLR	Current	Tort Reform - $2,500 Limit		Street	Current	Tort Reform - $2,500 Limit	
Coverage/ Sub-coverage	Weights	System	w/ Threshold	w/o Threshold	ROE=5%	System	w/ Threshold	w/o Threshold	Premium	System	w/ Threshold	w/o Threshold
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
TPL - BI (Incl. Health Levy)	100%	515.00	282.00	257.00	78.8%	653.63	357.91	326.18	439.45	48.7%	-18.6%	-25.8%
TPL - PD	100%	68.00	68.00	68.00	71.1%	95.64	95.64	95.64	77.05	24.1%	24.1%	24.1%
TPL - Total		583.00	350.00	325.00		749.27	453.55	421.82	516.50	45.1%	-12.2%	-18.3%
Accident Ben.	100%	80.00	80.00	80.00	75.4%	106.16	106.16	106.16	91.88	15.6%	15.6%	15.6%
Uninsured Auto.	100%	14.40	11.00	10.60	77.6%	18.56	14.18	13.66	15.17	22.3%	-6.6%	-10.0%
Compulsory Coverages		677.40	441.00	415.60		873.99	573.89	541.64	623.55	40.2%	-8.0%	-13.1%
Underins. Motor	96%	5.00	2.75	2.50	81.7%	6.12	3.36	3.06	23.17	-73.6%	-85.5%	-86.8%
Collision	57%	161.00	161.00	161.00	70.5%	228.53	228.53	228.53	377.91	-39.5%	-39.5%	-39.5%
Comprehensive	70%	92.00	92.00	92.00	70.6%	130.26	130.26	130.26	195.35	-33.3%	-33.3%	-33.3%
All Perils	9%	212.00	212.00	212.00	70.5%	300.92	300.92	300.92	564.63	-46.7%	-46.7%	-46.7%
Specified Perils	1%	44.00	44.00	44.00	70.6%	62.30	62.30	62.30	88.02	-29.2%	-29.2%	-29.2%
Optional Coverages		180.37	178.21	177.97		254.84	252.20	251.91	425.52	-40.1%	-40.7%	-40.8%
Total Weighted Package		857.77	619.21	593.57		1,128.83	826.09	793.55	1,049.06	7.6%	-21.3%	-24.4%

General Note: Health Care Levy Loss Cost is $ 25.00 per car as per IBC.

Column Notes:
(2) See Exhibit I, Sheet 5, Column (2).
(3)-(5) From Exhibit I, Sheet 5, Column (3) to (5) respectively.
(6) Developed in Appendix E, Sheet 5, Line (9).
(7) = [(3) / (6)].
(8) = [(4) / (6)].
(9) = [(5) / (6)].
(10) From Exhibit V, Sheet 1; equal { Column (5) x [1 + Line (7)] }.
(11) = [((7) / (10)) - 1.00].
(12) = [((8) / (10)) - 1.00].
(13) = [((9) / (10)) - 1.00].

Indicated Rate Change - Current System and Proposed Tort Reform
Assuming 3.5% Annual Rate of Return

	Projected Discounted Loss Costs			Indicated Rate Change ROE = 5%			Indicated Rate Change ROE = 10%		
	Current	Tort Reform - $2,500 Limit		Current	Tort Reform - $2,500 Limit		Current	Tort Reform - $2,500 Limit	
Coverage/ Sub-coverage	System	w/ Threshold	w/o Threshold	System	w/ Threshold	w/o Threshold	System	w/ Threshold	w/o Threshold
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
TPL - BI	429.73	225.39	203.46	47.2%	-19.3%	-26.4%	56.4%	-14.2%	-21.8%
TPL - PD	66.16	66.16	66.16	23.7%	23.7%	23.7%	31.5%	31.5%	31.5%
TPL - Total	495.89	291.55	269.62	43.7%	-12.9%	-19.0%	52.7%	-7.4%	-13.9%
Accident Ben.	73.36	73.36	73.36	13.8%	13.8%	13.8%	21.0%	21.0%	21.0%
Health Care Levy	25.00	25.00	25.00						
Uninsured Auto.	12.84	9.81	9.46	15.3%	-12.1%	-15.0%	18.7%	-9.5%	-12.5%
Compulsory Coverages	607.09	399.72	377.44	38.7%	-8.9%	-14.0%	47.3%	-3.3%	-8.7%
Underins. Motor.	4.23	2.33	2.12	-4.6%	-49.9%	-54.8%	-4.4%	-49.8%	-54.7%
Collision	158.10	158.10	158.10	-38.8%	-38.8%	-38.8%	-34.9%	-34.9%	-34.9%
Comprehensive	90.16	90.16	90.16	-34.5%	-34.5%	-34.5%	-30.4%	-30.4%	-30.4%
All Perils	208.18	208.18	208.18	-45.2%	-45.2%	-45.2%	-41.8%	-41.8%	-41.8%
Specified Perils	43.08	43.08	43.08	-21.6%	-21.6%	-21.6%	-18.6%	-18.6%	-18.6%
Optional Coverages	176.34	174.51	174.31	-36.2%	-38.7%	-38.9%	-32.5%	-35.0%	-35.3%
Total Weighted Package	783.43	574.23	551.75	8.9%	-20.8%	-23.9%	15.5%	-15.9%	-19.3%

General Note: Health Care Levy Loss Cost is $ 25.00 per car as per IBC.

Column Notes:
(2)-(4) From Exhibit I, Sheet 5, Columns (7) - (9), respectively.
(5)-(10) From Appendix E, Sheets 1 to 4, Line (9).

Exhibit I
Sheet 5

Development of Discounted Loss Costs - Current System and Proposed Tort Reform
Assuming 3.5% Annual Rate of Return

		Projected Undiscounted Loss Costs				Projected Discounted Loss Costs			Impact of Tort Reform $2,500 Limit	
		Current	Tort Reform - $2,500 Limit		PV	Current	Tort Reform - $2,500 Limit			
Coverage/ Sub-coverage (1)	Weights (2)	System (3)	w/ Threshold (4)	w/o Threshold (5)	Factor (6)	System (7)	w/ Threshold (8)	w/o Threshold (9)	w/ Threshold (10)	w/o Threshold (11)
TPL - BI	100%	490.00	257.00	232.00	0.877	429.73	225.39	203.46	-47.6%	-52.7%
TPL - PD	100%	68.00	68.00	68.00	0.973	66.16	66.16	66.16	0.0%	0.0%
TPL - Total		558.00	325.00	300.00		495.89	291.55	269.62	-41.2%	-45.6%
Accident Ben.	100%	80.00	80.00	80.00	0.917	73.36	73.36	73.36	0.0%	0.0%
Health Care Levy	100%	25.00	25.00	25.00	1.000	25.00	25.00	25.00	0.0%	0.0%
Uninsured Auto.	100%	14.40	11.00	10.60	0.892	12.84	9.81	9.46	-23.6%	-26.3%
Compulsory Coverages		677.40	441.00	415.60		607.09	399.72	377.44	-34.2%	-37.8%
Underins. Motor.	96%	5.00	2.75	2.50	0.846	4.23	2.33	2.12	-44.9%	-49.9%
Collision	57%	161.00	161.00	161.00	0.982	158.10	158.10	158.10	0.0%	0.0%
Comprehensive	70%	92.00	92.00	92.00	0.980	90.16	90.16	90.16	0.0%	0.0%
All Perils	9%	212.00	212.00	212.00	0.982	208.18	208.18	208.18	0.0%	0.0%
Specified Perils	1%	44.00	44.00	44.00	0.979	43.08	43.08	43.08	0.0%	0.0%
Optional Coverages		180.37	178.21	177.97		176.34	174.51	174.31	-1.0%	-1.1%
Total Weighted Package		857.77	619.21	593.57		783.43	574.23	551.75	-26.7%	-29.6%

General Note: Health Care Levy Loss Cost is $ 25.00 per car as per IBC.

Column Notes:
(2) Based on earned Exposures data for 2002 from IBC. See Exhibit III, Column (3). AB and UA weights adjusted to 100% to reflect compulsory nature of the coverages.
(3)-(5) Selected in Exhibit II.
(6) Developed in Exhibit IV.
(7) = [(3) x (6)].
(8) = [(4) x (6)].
(9) = [(5) x (6)].
(10) = [((8) / (7)) - 1.00].
(11) = [((9) / (7)) - 1.00].

KPMG

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Exhibit II
Sheet 1

Selection of Loss Costs for Current System and Tort Reform

			Projected Ultimate Loss Cost			Weights		
			Current	Tort Reform - $2,500 Limit				
Coverage/ Sub-coverage	Accident Year	Earned Exposures	System	w/ Threshold	w/o Threshold	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
TPL - BI	1997	426,732	442.06	232.08	209.54			
	1998	434,824	454.88	238.81	215.61	1		
	1999	431,017	500.89	262.97	237.42	1		
	2000	447,643	507.68	266.53	240.64	1	1	1
	2001	458,237	494.39	259.55	234.34	1	1	2
	2002	461,752	468.21	245.81	221.93	1	1	3
	(10) Weighted Average A		485.21	254.74	229.99			
	(11) Weighted Average B		490.09	257.30	232.30			
	(12) Weighted Average C		483.52	253.85	229.19			
	(13) Selected Loss Cost		490.00	257.00	232.00			
TPL - PD	1997	426,732	62.71	62.71	62.71			
	1998	434,824	64.01	64.01	64.01	1		
	1999	431,017	69.49	69.49	69.49	1		
	2000	447,643	69.43	69.43	69.43	1	1	1
	2001	458,237	72.13	72.13	72.13	1	1	2
	2002	461,752	63.40	63.40	63.40	1	1	3
	(10) Weighted Average A		67.69	67.69	67.69			
	(11) Weighted Average B		68.32	68.32	68.32			
	(12) Weighted Average C		67.32	67.32	67.32			
	(13) Selected Loss Cost		68.00	68.00	68.00			
Accident Ben.	1997	427,437	64.96	64.96	64.96			
	1998	434,827	69.34	69.34	69.34	1		
	1999	429,669	82.14	82.14	82.14	1		
	2000	446,165	89.90	89.90	89.90	1	1	1
	2001	456,972	81.50	81.50	81.50	1	1	2
	2002	460,319	70.68	70.68	70.68	1	1	3
	(10) Weighted Average A		78.71	78.71	78.71			
	(11) Weighted Average B		80.69	80.69	80.69			
	(12) Weighted Average C		77.49	77.49	77.49			
	(13) Selected Loss Cost		80.00	80.00	80.00			

Column Notes:
(3) Based on IBC industry data.
(4) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7)) / (3)].
(5) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7) x (8)) / (3)].
(6) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7) x (9)) / (3)].
(7) - (9) Weights selected judgmentally by KPMG.
(10) - (12) Based on loss cost by accident year and weights in (7) - (9).
(13) Selected based on weighted average loss costs and trends in most recent years.

Nova Scotia Private Passenger Auto Insurance *Exhibit II*
2003 Proposed Tort Reform *Sheet 2*

Selection of Loss Costs for Current System and Tort Reform

			Projected Ultimate Loss Cost					
			Current	Tort Reform - $2,500 Limit		Weights		
Coverage/ Sub-coverage	Accident Year	Earned Exposures	System	w/ Threshold	w/o Threshold	A	B	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Uninsured Auto	1997	293,541	23.20	17.69	17.10			
	1998	374,367	15.46	11.79	11.39	1		
	1999	397,390	13.75	10.48	10.13	1		
	2000	422,796	16.28	12.41	12.00	1	1	1
	2001	424,089	15.05	11.47	11.09	1	1	2
	2002	416,173	11.95	9.11	8.80	1	1	3
	(10) Weighted Average A		14.50	11.05	10.68			
	(11) Weighted Average B		14.42	11.00	10.63			
	(12) Weighted Average C		13.70	10.45	10.10			
	(13) Selected Loss Cost		14.40	11.00	10.60			
Underins. Motor.	1997	396,111	2.56	1.34	1.21			
	1998	408,613	4.78	2.51	2.27	1		
	1999	406,643	4.82	2.53	2.28	1		
	2000	424,637	8.39	4.40	3.98	1	1	1
	2001	437,180	5.71	3.00	2.71	1	1	2
	2002	442,833	2.71	1.42	1.29	1	1	3
	(10) Weighted Average A		5.28	2.77	2.50			
	(11) Weighted Average B		5.60	2.94	2.66			
	(12) Weighted Average C		4.66	2.45	2.21			
	(13) Selected Loss Cost		5.00	2.75	2.50			
Collision	1997	232,344	176.10	176.10	176.10			
	1998	237,511	155.99	155.99	155.99	1		
	1999	239,946	168.95	168.95	168.95	1		
	2000	255,371	175.56	175.56	175.56	1	1	1
	2001	265,105	160.75	160.75	160.75	1	1	2
	2002	265,494	147.76	147.76	147.76	1	1	3
	(10) Weighted Average A		161.80	161.80	161.80			
	(11) Weighted Average B		161.35	161.35	161.35			
	(12) Weighted Average C		156.72	156.72	156.72			
	(13) Selected Loss Cost		161.00	161.00	161.00			

Column Notes:
(3) Based on IBC industry data.
(4) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7)) / (3)]
(5) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7) x (8)) / (3)]
(6) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7) x (9)) / (3)]
(7) - (9) Weights selected judgmentally by KPMG.
(10) - (12) Based on loss cost by accident year and weights in (7) - (9).
(13) Selected based on weighted average loss costs and trends in most recent years.

Exhibit II
Sheet 3

Selection of Loss Costs for Current System and Tort Reform

Coverage/ Sub-coverage (1)	Accident Year (2)	Earned Exposures (3)	Projected Ultimate Loss Cost: Current System (4)	Projected Ultimate Loss Cost: Tort Reform - $2,500 Limit: w/ Threshold (5)	Projected Ultimate Loss Cost: Tort Reform - $2,500 Limit: w/o Threshold (6)	Weights: A (7)	Weights: B (8)	Weights: C (9)
Comprehensive	1997	292,229	92.03	92.03	92.03			
	1998	297,787	93.33	93.33	93.33	1		
	1999	296,776	97.98	97.98	97.98	1		
	2000	312,181	99.68	99.68	99.68	1	1	1
	2001	321,244	92.28	92.28	92.28	1	1	2
	2002	322,329	77.37	77.37	77.37	1	1	3
	(10) Weighted Average A		92.13	92.13	92.13			
	(11) Weighted Average B		89.78	89.78	89.78			
	(12) Weighted Average C		86.06	86.06	86.06			
	(13) Selected Loss Cost		92.00	92.00	92.00			
All Perils	1997	33,257	215.99	215.99	215.99			
	1998	34,086	219.80	219.80	219.80	1		
	1999	35,806	248.62	248.62	248.62	1		
	2000	36,452	234.75	234.75	234.75	1	1	1
	2001	38,432	205.01	205.01	205.01	1	1	2
	2002	39,698	194.88	194.88	194.88	1	1	3
	(10) Weighted Average A		220.61	220.61	220.61			
	(11) Weighted Average B		211.55	211.55	211.55			
	(12) Weighted Average C		204.90	204.90	204.90			
	(13) Selected Loss Cost		212.00	212.00	212.00			
Specified Perils	1997	8,079	35.66	35.66	35.66			
	1998	7,373	30.32	30.32	30.32	1		
	1999	6,857	43.29	43.29	43.29	1		
	2000	6,340	43.69	43.69	43.69	1	1	1
	2001	6,107	63.10	63.10	63.10	1	1	2
	2002	5,800	30.99	30.99	30.99	1	1	3
	(10) Weighted Average A		42.28	42.28	42.28			
	(11) Weighted Average B		45.93	45.93	45.93			
	(12) Weighted Average C		43.81	43.81	43.81			
	(13) Selected Loss Cost		44.00	44.00	44.00			

Column Notes:
(3) Based on IBC industry data.
(4) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7)) / (3)].
(5) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7) x (8)) / (3)].
(6) Based on data and projection factors in Exhibit III, Sheets 1 and 2. Equal to [((5) x (6) x (7) x (9)) / (3)].
(7) - (9) Weights selected judgmentally by KPMG.
(10) - (12) Based on loss cost by accident year and weights in (7) - (9).
(13) Selected based on weighted average loss costs and trends in most recent years.

Exhibit III
Sheet 1

Summary of Exposures and Loss Data and Projection Factors

Coverage/ Sub-coverage (1)	Accident Year (2)	Earned Exposures (3)	Projected Ultimate Claim Count (4)	Projected Ultimate Incurred Loss & ALAE (5)	Adjustment Factors Trend to Sep/01/2004 (6)	Adjustment Factors ULAE (7)	Adj. for Tort Reform $2,500 Limit with Threshold (8)	Adj. for Tort Reform $2,500 Limit without Threshold (9)
TPL - BI	1997	426,732	2,902	100,463,894	1.737	1.081	0.525	0.474
	1998	434,824	3,038	112,436,029	1.608	1.094	0.525	0.474
	1999	431,017	3,354	133,264,003	1.489	1.088	0.525	0.474
	2000	447,643	3,577	152,310,402	1.379	1.082	0.525	0.474
	2001	458,237	3,713	166,578,587	1.277	1.065	0.525	0.474
	2002	461,752	3,534	171,745,495	1.182	1.065	0.525	0.474
TPL - PD	1997	426,732	10,051	24,756,280	1.000	1.081	1.000	1.000
	1998	434,824	9,976	25,441,778	1.000	1.094	1.000	1.000
	1999	431,017	10,129	27,528,669	1.000	1.088	1.000	1.000
	2000	447,643	10,373	28,726,202	1.000	1.082	1.000	1.000
	2001	458,237	10,543	31,036,851	1.000	1.065	1.000	1.000
	2002	461,752	9,314	27,487,144	1.000	1.065	1.000	1.000
Accident Ben.	1997	427,437	4,418	14,788,389	1.737	1.081	1.000	1.000
	1998	434,827	4,636	17,138,700	1.608	1.094	1.000	1.000
	1999	429,669	5,192	21,786,195	1.489	1.088	1.000	1.000
	2000	446,165	5,565	26,880,678	1.379	1.082	1.000	1.000
	2001	456,972	5,364	27,384,418	1.277	1.065	1.000	1.000
	2002	460,319	4,968	25,846,004	1.182	1.065	1.000	1.000
Uninsured Auto.	1997	293,541	224	3,626,843	1.737	1.081	0.763	0.737
	1998	374,367	134	3,290,018	1.608	1.094	0.763	0.737
	1999	397,390	160	3,372,040	1.489	1.088	0.763	0.737
	2000	422,796	175	4,613,037	1.379	1.082	0.763	0.737
	2001	424,089	192	4,692,704	1.277	1.065	0.763	0.737
	2002	416,173	150	3,949,431	1.182	1.065	0.763	0.737
Underins. Motor.	1997	396,111	12	540,395	1.737	1.081	0.525	0.474
	1998	408,613	8	1,111,206	1.608	1.094	0.525	0.474
	1999	406,643	13	1,209,895	1.489	1.088	0.525	0.474
	2000	424,637	22	2,386,893	1.379	1.082	0.525	0.474
	2001	437,180	25	1,836,787	1.277	1.065	0.525	0.474
	2002	442,833	41	953,899	1.182	1.065	0.525	0.474

See column notes on Exhibit III, Sheet 3.

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Exhibit III
Sheet 2

Summary of Exposures and Loss Data and Projection Factors

			Projected Ultimate		Adjustment Factors		Adj. for Tort Reform $2,500 Limit	
Coverage/ Sub-coverage (1)	Accident Year (2)	Earned Exposures (3)	Claim Count (4)	Incurred Loss & ALAE (5)	Trend to Sep/01/2004 (6)	ULAE (7)	with Threshold (8)	without Threshold (9)
Collision	1997	232,344	9,548	30,623,310	1.236	1.081	1.000	1.000
	1998	237,511	9,462	28,221,517	1.200	1.094	1.000	1.000
	1999	239,946	10,272	31,983,628	1.165	1.088	1.000	1.000
	2000	255,371	11,460	36,635,925	1.131	1.082	1.000	1.000
	2001	265,105	11,183	36,442,183	1.098	1.065	1.000	1.000
	2002	265,494	10,298	34,553,786	1.066	1.065	1.000	1.000
Comprehensive	1997	292,229	28,311	21,577,334	1.153	1.081	1.000	1.000
	1998	297,787	27,126	22,482,513	1.130	1.094	1.000	1.000
	1999	296,776	28,705	24,120,591	1.108	1.088	1.000	1.000
	2000	312,181	28,564	26,482,353	1.086	1.082	1.000	1.000
	2001	321,244	27,032	26,137,092	1.065	1.065	1.000	1.000
	2002	322,329	22,957	22,429,292	1.044	1.065	1.000	1.000
All Perils	1997	33,257	3,439	5,763,197	1.153	1.081	1.000	1.000
	1998	34,086	3,329	6,060,481	1.130	1.094	1.000	1.000
	1999	35,806	3,670	7,384,472	1.108	1.088	1.000	1.000
	2000	36,452	3,586	7,282,287	1.086	1.082	1.000	1.000
	2001	38,432	3,379	6,946,620	1.065	1.065	1.000	1.000
	2002	39,698	3,003	6,958,132	1.044	1.065	1.000	1.000
Specified Perils	1997	8,079	93	231,174	1.153	1.081	1.000	1.000
	1998	7,373	89	180,841	1.130	1.094	1.000	1.000
	1999	6,857	100	246,274	1.108	1.088	1.000	1.000
	2000	6,340	113	235,717	1.086	1.082	1.000	1.000
	2001	6,107	98	339,763	1.065	1.065	1.000	1.000
	2002	5,800	82	161,647	1.044	1.065	1.000	1.000

See column notes on Exhibit III, Sheet 3.

Exhibit III
Sheet 3

Notes to Exhibit III, Sheets 1 and 2

Summary of Exposures and Loss Data and Projection Factors

Columns (3) Based on IBC industry data.

Columns (4) and (5) Based on KPMG analysis of IBC industry data. See Appendix B for development of claim counts and losses to ultimate values.

Column (6) Annual trend factors selected by KPMG to adjust losses from average date of experience period to projected average loss date of September 1, 2004. This assumes annual policies and September 1, 2003 effective date of tort reform change. Annual trend rates by coverage/ sub-coverage are:

Coverage	Trend rates
TPL - Bodily Injury	8.0%
TPL - Property Damage	0.0%
Accident Benefits	8.0%
Uninsured Automobile	8.0%
Underinsured Motorists	8.0%
Collision	3.0%
Comprehensive	2.0%
All Perils	2.0%
Specified Perils	2.0%

See trend analysis by sub-coverage in Appendix D.

Column (7) Adjustment factors for ULAE based on current information from IBC.

Columns (8) and (9) Selected by KPMG based on analysis of Nova Scotia closed claim data provided by R.R. Miller, Exactor Insurance Services Inc. See Appendix A, Sheet 1, lines (6) and (9). Applies 100% to BI and UM; and 50% of impact applies to UA. Based on $2,500 limit on pain and suffering.

Nova Scotia Private Passenger Auto Insurance

2003 Proposed Tort Reform

Exhibit IV

Development of Present Value Factor
Assuming 3.5% Annual Rate of Return

	Percentage Paid in Each Interval								
Years (1)	TPL - BI (2)	TPL - PD (3)	Accident Benefits (4)	Unins. Auto. (5)	Under. Motor. (6)	Collision (7)	Comp (8)	All Perils (9)	Specified Perils (10)
12	4.9%	74.7%	20.3%	10.7%	0.2%	96.8%	89.9%	96.6%	88.8%
24	17.9%	22.6%	33.5%	18.3%	3.2%	3.6%	9.9%	3.4%	10.7%
36	21.7%	1.8%	17.7%	19.6%	10.0%	-0.4%	0.2%	0.0%	0.5%
48	16.6%	0.4%	10.2%	14.4%	24.7%	0.0%	0.0%		0.0%
60	11.6%	0.3%	6.0%	14.8%	15.7%				
72	8.7%	0.2%	4.5%	9.4%	20.4%				
84	7.6%	0.1%	2.1%	8.4%	9.9%				
96	3.9%	0.0%	1.8%	2.5%	12.9%				
108	3.1%		1.6%	2.0%	0.5%				
120	1.9%		0.5%	0.0%	0.5%				
132	0.9%		0.5%		1.2%				
144	0.5%		0.4%		0.7%				
156	0.5%		0.3%		0.2%				
168	0.2%		0.2%						
180	0.1%		0.3%						
PV Factor	0.877	0.973	0.917	0.892	0.846	0.982	0.980	0.982	0.979

Note: Incremental payment patterns based on industry data (see Appendix F). Present value factors calculated assuming mid-year payments and 3.5% annual rate of return on investments.

Exhibit V
Sheet 1

Development of Street Premium

Coverage/ Sub-coverage (1)	Weights (2)	Average Written Premium (3)	Annual Drift (4)	Adjusted Avg Written Premium (5)
TPL - Bodily Injury	100%	393.34	1.003	395.90
TPL - Property Damage	100%	69.41	1.000	69.41
Accident Benefits	100%	82.77	1.000	82.77
Uninsured Automobile	100%	13.67	1.000	13.67
Underinsured Motorists	96%	20.43	1.010	20.87
Collision	57%	283.36	1.088	340.46
Comprehensive	70%	154.16	1.063	175.99
All Perils	9%	430.59	1.080	508.67
Specified Perils	1%	69.46	1.063	79.30
(6) 2002 Average Street Premium for Total Weighted Package				945.10
(7) Rate Change 2002 to 2003				11.0%
(8) Projected Current Average Street Premium				1,049.06

Column/Line Notes:

(2) From Exhibit I, Sheet 5, Column (2)
(3) From Exhibit V, Sheet 2 to Sheet 4, Column (4), accident year 2002.
(4) Limit drift judgmentally selected: BI - 0.3% & UM - 1.0%.
Coll, Comp, SP, AP - rate group drift from Appendix E, Sheet 10, Column (18).
(5) Adjusting average written premiums for annual drift from prior effective date (assumed to be July 1, 2002) to average date of renewal rates, September 1, 2004. Equal to [(3) x (4) ^ 2.167].
(6) Weighted total of Column (5) using weights in Column (2).
(7) Selected judgmentally; reflects rate freeze in Nova Scotia since May 5, 2003.
(8) = [(6) x (1 + (7))].

Exhibit V
Sheet 2

Development of Street Premium

Average Written Premiums

	Industry			
Accident Year (1)	Written Premiums ($000) (2)	Written Exposures (3)	Average Written Premium (4)	Annual Change (5)
Third Party Liability - Bodily Injury				
1997	104,165	432,041	241.10	
1998	106,175	441,133	240.69	-0.2%
1999	103,714	434,274	238.82	-0.8%
2000	113,301	456,217	248.35	4.0%
2001	136,088	464,209	293.16	18.0%
2002	180,675	459,335	393.34	34.2%
Total	744,117	2,687,210		
Third Party Liability - PD				
1997	18,382	432,041	42.55	
1998	18,737	441,133	42.47	-0.2%
1999	18,302	434,274	42.14	-0.8%
2000	19,994	456,217	43.83	4.0%
2001	24,015	464,209	51.73	18.0%
2002	31,884	459,335	69.41	34.2%
Total	131,315	2,687,210		
Third Party Liability				
1997	122,547	432,041	283.65	
1998	124,911	441,133	283.16	-0.2%
1999	122,016	434,274	280.97	-0.8%
2000	133,295	456,217	292.17	4.0%
2001	160,103	464,209	344.89	18.0%
2002	212,559	459,335	462.75	34.2%
Total	875,432	2,687,210		

Column Notes:

(2) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia; TPL earned premiums are split between BI (85%) & PD (15%) for all accident years based on a review of average premiums industry split.

(3) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.

(4) = [(2) / (3) x 1000].

(5) = { (4) / [(4) - prior year] }.

Development of Street Premium

Average Written Premiums

	Industry			
Accident Year	Written Premiums ($000)	Written Exposures	Average Written Premium	Annual Change
(1)	(2)	(3)	(4)	(5)
Accident Benefits				
1997	21,855	432,851	50.49	
1998	22,513	440,101	51.16	1.3%
1999	22,196	432,848	51.28	0.2%
2000	24,337	454,800	53.51	4.3%
2001	28,679	462,942	61.95	15.8%
2002	37,880	457,645	82.77	33.6%
Total	157,461	2,681,186		
Uninsured Automobile				
1997	3,455	361,366	9.56	
1998	3,766	390,734	9.64	0.8%
1999	3,920	410,380	9.55	-0.9%
2000	4,523	428,274	10.56	10.6%
2001	4,793	423,114	11.33	7.3%
2002	5,621	411,262	13.67	20.7%
Total	26,079	2,425,130		
Underinsured Motorist				
1997	7,484	403,850	18.53	
1998	7,911	415,602	19.04	2.7%
1999	7,937	409,725	19.37	1.8%
2000	8,439	433,727	19.46	0.4%
2001	8,804	443,953	19.83	1.9%
2002	9,018	441,524	20.43	3.0%
Total	49,594	2,548,380		
Collision				
1997	53,719	233,330	230.23	
1998	54,441	242,787	224.24	-2.6%
1999	55,616	244,324	227.63	1.5%
2000	61,234	262,866	232.95	2.3%
2001	68,938	268,508	256.75	10.2%
2002	74,388	262,520	283.36	10.4%
Total	368,337	1,514,335		

Column Notes:
(2) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia;
(3) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
(4) = [(2) / (3) x 1000].
(5) = { (4) / [(4) - prior year] }.

Exhibit V
Sheet 4

Development of Street Premium
Average Written Premiums

	Industry			
Accident Year (1)	Written Premiums ($000) (2)	Written Exposures (3)	Average Written Premium (4)	Annual Change (5)
Comprehensive				
1997	38,416	294,797	130.31	
1998	38,510	302,437	127.33	-2.3%
1999	39,117	300,377	130.22	2.3%
2000	42,385	319,681	132.59	1.8%
2001	46,435	325,281	142.75	7.7%
2002	49,112	318,567	154.16	8.0%
Total	253,975	1,861,139		
All Perils				
1997	11,887	33,629	353.46	
1998	12,009	34,924	343.86	-2.7%
1999	12,541	35,890	349.43	1.6%
2000	13,228	37,229	355.32	1.7%
2001	15,101	39,634	381.00	7.2%
2002	16,974	39,419	430.59	13.0%
Total	81,739	220,726		
Specified Perils				
1997	461	7,905	58.37	
1998	382	7,079	54.02	-7.4%
1999	336	6,522	51.49	-4.7%
2000	328	6,217	52.81	2.6%
2001	372	6,101	61.02	15.5%
2002	386	5,556	69.46	13.8%
Total	2,266	39,379		
Total All Coverages				
1997	259,824	432,041	601.39	
1998	264,445	441,133	599.47	-0.3%
1999	263,679	434,274	607.17	1.3%
2000	287,770	456,217	630.77	3.9%
2001	333,226	464,209	717.84	13.8%
2002	405,938	459,335	883.75	23.1%
Total	1,814,883	2,687,210		

Column Notes:

(2) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia;
(3) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
(4) = [(2) / (3) x 1000].
(5) = { (4) / [(4) - prior year] }.

Selection of Adjustment Factors for Proposed Tort Reform
Assuming $2,500 Limit on Pain & Suffering Only
Third Party Liability - Bodily Injury

$2,500 Limit on Pain & Suffering for Claims Below Threshold

(1)	Elimination Ratio Based on Nova Scotia Closed Claim Data	49.9%
(2)	Proportion of Out of Province Losses	2.0%
(3)	Erosion Factor	3.0%
(4)	Indicated Adjustment Factor for Proposed Tort Reform	47.5%
(5)	Elimination Ratio Based on Comparison of OMPP to Tort Historical Experience	
	(a) Loss Ratio	70%
	(b) Loss Cost	73%
(6)	Selected Adjustment Factor for Proposed Tort Reform	47.5%

$2,500 Limit on Pain & Suffering for All Claims

(7)	Elimination Ratio Based on Nova Scotia Closed Claim Data	55.3%
(8)	Indicated Adjustment Factor for Proposed Tort Reform	52.6%
(9)	Selected Adjustment Factor for Proposed Tort Reform	52.6%

Line Notes:

(1) Based on losses summarized in Appendix A, Sheet 2a assuming verbal threshold. Elimination ratio equal to total losses eliminated ($5,065,786) divided by total loss and ALAE ($9,632,964 + $513,370).
(2) Selected based on industry analyses of private passenger auto experience.
(3) Judgmentally selected to reflect erosion of threshold over time.
(4) = [(1) x (1.00 - (2)) x (1.00 - (3))].
(5) Developed in Appendix A, Sheet 3b based on IBC data at June 30, 2002.
(6) Selected based on review of (4) and (5).
(7) Based on losses summarized in Appendix A, Sheet 2b assuming no threshold. Elimination ratio equal to total losses eliminated ($5,612,963) divided by total loss and ALAE ($9,632,964 + $513,370).
(8) = [(7) x (1.00 - (2)) x (1.00 - (3))].
(9) Selected based on review of (8) and (5).

Analysis of Nova Scotia Closed Claim Data
Assuming $2,500 Limit on Pain & Suffering for Claims Below Threshold
Third Party Liability - Bodily Injury

	Number of Claims	Pain & Suffering	Special	Total General	Punitive	Pre Judgment Interest	Party & Party	AB Offset	CS Offset	Total Pure Loss	ALAE
Total All Claims	540										
Total $		6,484,042	1,293,459	7,473,883	0	391,921	526,417	(39,466)	(13,250)	9,632,964	513,370
Average $		12,007	2,395	13,841	0	726	975	(73)	(25)	17,839	951
% of Total Pure Loss		67%	13%	78%	0%	4%	5%	0%	0%	100%	5%
Claims Meeting Threshold	18										
Total $		548,850	50,396	627,455	0	40,598	35,857	(3,360)	0	750,946	36,901
Average $		30,492	2,800	34,859	0	2,255	1,992	(187)	0	41,719	2,050
% of Total Pure Loss		73%	7%	84%	0%	5%	5%	0%	0%	100%	5%
Claims Below Threshold	522										
Total $		5,935,192	1,243,063	6,846,428	0	351,323	490,560	(36,106)	(13,250)	8,882,018	476,469
Average $		11,370	2,381	13,116	0	673	940	(69)	(25)	17,015	913
% of Total Pure Loss		67%	14%	77%	0%	4%	6%	0%	0%	100%	5%
Claims Below Threshold - After Capping											
Total $		1,181,626	1,243,063	2,092,862	0	39,103	490,560	(36,106)	(13,250)	3,816,232	476,469
Average $		2,264	2,381	4,009	0	75	940	(69)	(25)	7,311	913
% of Total Pure Loss		31%	33%	55%	0%	1%	13%	-1%	0%	100%	12%
Claims Below Threshold - Eliminated After Capping											
Total $		4,753,566	0	4,753,566	0	312,220	0	0	0	5,065,786	0
Average $		9,106	0	9,106	0	598	0	0	0	9,705	0
% of Total Pure Loss		94%	0%	94%	0%	6%	0%	0%	0%	100%	0%

Notes: Based on analysis of closed claim data provided by R.R. Miller of Exactor Insurance Services Inc.

Analysis of Nova Scotia Closed Claim Data
Assuming $2,500 Limit on Pain & Suffering for All Claims (No Threshold)
Third Party Liability - Bodily Injury

	Number of Claims	Pain & Suffering	Special	Total General	Punitive	Pre Judgment Interest	Party & Party	AB Offset	CS Offset	Total Pure Loss	ALAE
Total All Claims	540										
Total $		6,484,042	1,293,459	7,473,883	0	391,921	526,417	(39,466)	(13,250)	9,632,964	513,370
Average $		12,007	2,395	13,841	0	726	975	(73)	(25)	17,839	951
% of Total Pure Loss		67%	13%	78%	0%	4%	5%	0%	0%	100%	5%
Claims After Capping											
Total $		1,221,626	1,293,459	2,211,467	0	41,374	526,417	(39,466)	(13,250)	4,020,001	513,370
Average $		2,262	2,395	4,095	0	77	975	(73)	(25)	7,444	951
% of Total Pure Loss		30%	32%	55%	0%	1%	13%	-1%	0%	100%	13%
Claims Eliminated After Capping											
Total $		5,262,416	0	5,262,416	0	350,547	0	0	0	5,612,963	0
Average $		9,745	0	9,745	0	649	0	0	0	10,394	0
% of Total Pure Loss		94%	0%	94%	0%	6%	0%	0%	0%	100%	0%

Notes: Based on analysis of closed claim data provided by R.R. Miller of Exactor Insurance Services Inc.

Analysis of Ontario Experience - Tort and OMPP Years

Based on IBC Data at December 31, 1999

Third Party Liability - Bodily Injury

Accident Year	Earned Premiums ($000)	Earned Exposures	Incurred Losses ($000)			Incurred Number of Claims			Indicated			
			TPL-BI	TPL-LT	TPL-BI&LT	TPL-BI	TPL-LT	TPL-BI&LT	Loss Ratio	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Tort												
1985	878,269	3,933,616	861,156	0	861,156	43,033	0	43,033	98%	219	20,012	0.011
1986	1,148,029	4,009,937	929,561	0	929,561	42,155	0	42,155	81%	232	22,051	0.011
1987	1,428,488	4,149,920	1,148,777	0	1,148,777	48,677	0	48,677	80%	277	23,600	0.012
1988	1,563,966	4,343,954	1,366,816	0	1,366,816	53,454	0	53,454	87%	315	25,570	0.012
1989	1,777,448	4,526,577	1,495,319	0	1,495,319	56,655	0	56,655	84%	330	26,393	0.013
Total	6,796,200	20,964,004	5,801,629	0	5,801,629	243,974	0	243,974	85%	277	23,780	0.012
OMPP												
1991	1,656,872	4,729,940	355,832	8,154	363,986	3,378	350	3,728	22%	77	97,636	0.001
1992	1,576,818	4,835,736	378,602	5,589	384,191	3,532	277	3,809	24%	79	100,864	0.001
1993	1,547,673	4,916,787	451,537	7,926	459,463	4,134	203	4,337	30%	93	105,940	0.001
Total	4,781,363	14,482,463	1,185,971	21,669	1,207,640	11,044	830	11,874	25%	83	101,705	0.001
(14) Ratio of OMPP to Tort - Total All Years in Experience Period Based on December 31, 1999 Data.									30%	30%	428%	7%
(15) Eliminated by Introduction of OMPP									70%	70%		

Column/Line Notes:
(2) - (9) Based on IBC data.
(10) = [(6) / (2)].
(11) = [(6) / (3) x 1,000].
(12) = [(6) / (9) x 1,000].
(13) = [(9) / (3)].
(14) = [(10) OMPP Total / (10) Tort Total].
(15) = [1.0 - (14)].

Analysis of Ontario Experience - Tort and OMPP Years
Based on IBC Data at June 30, 2002
Third Party Liability - Bodily Injury

Accident Year (1)	Earned Premiums ($000) (2)	Earned Exposures (3)	Incurred Losses ($000) TPL-BI (4)	TPL-LT (5)	TPL-BI&LT (6)	Incurred Number of Claims TPL-BI (7)	TPL-LT (8)	TPL-BI&LT (9)	Indicated Loss Ratio (10)	Loss Cost (11)	Severity (12)	Frequenc (13)
Tort												
1987-2	739,882	2,109,422	632,265	0	632,265	26,246	0	26,246	85%	300	24,090	0.012
1988	1,563,966	4,343,954	1,368,670	0	1,368,670	53,451	0	53,451	88%	315	25,606	0.012
1989	1,777,448	4,526,577	1,498,947	0	1,498,947	56,656	0	56,656	84%	331	26,457	0.013
Total	4,081,297	10,979,953	3,499,882	0	3,499,882	136,353	0	136,353	86%	319	25,668	0.012
OMPP												
1991	1,656,872	4,729,940	360,567	6,964	367,531	3,364	346	3,710	22%	78	99,065	0.001
1992	1,576,818	4,835,736	387,200	5,851	393,051	3,503	278	3,781	25%	81	103,954	0.001
1993	1,547,673	4,916,787	465,855	9,308	475,163	4,064	202	4,266	31%	97	111,384	0.001
Total	4,781,363	14,482,463	1,213,622	22,123	1,235,745	10,931	826	11,757	26%	85	105,107	0.001
(14) Ratio of OMPP to Tort - Total All Years in Experience Period Based on December 31, 1999 Data.									30%	27%	409%	7%
(15) Eliminated by Introduction of OMPP									70%	73%		

Column/Line Notes:
(2) - (9) Based on IBC data.
(10) = [(6) / (2)].
(11) = [(6) / (3) x 1,000].
(12) = [(6) / (9) x 1,000].
(13) = [(9) / (3)].
(14) = [(10) OMPP Total / (10) Tort Total].
(15) = [1.0 - (14)].

Third Party Liability - Bodily Injury (Nova Scotia)

Gross Basis

Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	14,531	17,086	20,089	21,013	23,059	23,834	25,122	25,980	26,593	27,065	27,455	28,035	28,103	28,990	29,617	29,714	29,440	29,370	29,975	30,136	29,983	30,040	30,044	30,023	30,320
06-91	12,748	16,334	17,706	20,096	21,587	23,141	24,525	26,338	26,045	26,891	26,276	26,434	26,791	26,974	26,970	27,104	27,271	27,357	27,478	27,689	27,732	27,733	28,028	27,836	
12-91	15,893	18,683	22,155	25,731	28,173	29,543	30,625	30,675	31,986	31,770	32,160	32,794	33,718	33,786	34,260	34,455	34,407	34,494	35,035	35,118	35,311	34,842	34,898		
06-92	13,585	19,295	20,897	23,319	24,391	25,950	26,897	28,228	28,477	28,438	29,844	29,108	29,954	30,124	29,858	29,410	29,409	29,359	29,447	29,432	29,367	29,373			
12-92	22,371	28,271	30,522	31,647	34,220	36,362	37,883	37,627	37,751	38,315	38,290	37,997	38,292	38,562	38,400	38,537	38,555	38,538	38,561	38,608	38,558				
06-93	18,781	22,889	24,499	25,749	27,607	29,486	29,725	29,637	31,114	32,261	32,187	32,298	32,812	33,376	33,534	34,083	33,959	34,090	34,079	34,081					
12-93	20,017	23,963	26,998	29,813	33,111	33,845	33,686	34,557	35,804	36,233	36,993	37,216	36,998	37,183	37,556	37,217	37,624	37,585	37,575						
06-94	14,749	19,934	22,243	24,244	25,779	25,795	27,303	27,997	28,424	28,983	29,513	29,731	29,959	30,748	30,483	30,545	30,366	30,354							
12-94	22,005	29,208	32,652	35,363	37,924	40,393	41,654	42,738	43,149	44,346	44,864	44,961	45,764	45,806	45,590	45,038	45,472								
06-95	19,084	23,881	25,764	25,087	27,037	28,850	29,762	30,255	31,386	31,948	32,645	33,185	33,389	33,961	33,342	33,933									
12-95	26,620	32,038	33,889	35,590	38,248	39,846	42,621	43,904	45,150	45,727	46,668	46,866	47,320	47,562	47,567										
06-96	17,919	24,122	26,904	30,139	30,988	33,527	34,866	35,730	36,706	36,988	37,234	37,533	37,562	37,583											
12-96	26,401	32,395	35,861	37,889	41,842	43,420	44,570	46,195	48,230	49,096	49,947	49,311	49,576												
06-97	20,645	25,900	27,935	31,074	33,476	36,436	38,064	39,033	39,583	39,599	40,638	41,159													
12-97	32,308	39,167	43,610	45,597	49,131	52,034	52,373	52,879	53,869	54,594	55,636														
06-98	22,111	28,573	31,555	34,340	37,874	40,370	42,374	44,352	44,832	45,355															
12-98	31,360	39,335	44,525	48,638	52,162	54,371	57,337	58,486	59,935																
06-99	23,743	31,676	35,202	39,575	43,536	47,912	49,235	51,031																	
12-99	31,845	43,428	51,223	55,996	61,199	64,956	68,320																		
06-00	27,896	38,814	42,196	47,208	50,750	53,003																			
12-00	37,017	48,659	57,944	65,403	71,641																				
06-01	31,334	44,374	51,979	56,873																					
12-01	36,063	52,248	58,886																						
06-02	29,896	42,985																							
12-02	39,778																								

KPMG

Third Party Liability - Bodily Injury (Nova Scotia)

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.176	1.176	1.046	1.097	1.034	1.054	1.034	1.024	1.018	1.014	1.021	1.002	1.032	1.022	1.003	0.991	0.998	1.021	1.005	0.995	1.002	1.000	0.999	1.010	
06-91	1.281	1.084	1.135	1.074	1.072	1.060	1.074	0.989	1.033	0.977	1.006	1.014	1.007	1.000	1.005	1.006	1.003	1.004	1.008	1.002	1.000	1.011	0.993		
12-91	1.176	1.186	1.161	1.095	1.049	1.037	1.002	1.043	0.993	1.012	1.020	1.028	1.002	1.014	1.006	0.999	1.003	1.016	1.002	1.006	0.987	1.002			
06-92	1.420	1.083	1.116	1.046	1.064	1.036	1.049	1.009	0.999	1.049	0.975	1.029	1.006	0.991	0.985	1.000	0.998	1.003	0.999	0.998	1.000				
12-92	1.264	1.080	1.037	1.081	1.063	1.042	0.993	1.003	1.015	0.999	0.992	1.008	1.007	0.996	1.004	1.000	1.000	1.001	1.001	0.999					
06-93	1.219	1.070	1.051	1.072	1.068	1.008	0.997	1.050	1.037	0.998	1.003	1.016	1.017	1.005	1.016	0.996	1.004	1.000	1.000						
12-93	1.197	1.127	1.104	1.111	1.022	0.995	1.026	1.036	1.012	1.021	1.006	0.994	1.005	1.010	0.991	1.011	0.999	1.000							
06-94	1.352	1.116	1.090	1.063	1.001	1.058	1.025	1.015	1.020	1.018	1.007	1.008	1.026	0.991	1.002	0.994	1.000								
12-94	1.327	1.118	1.083	1.072	1.065	1.031	1.026	1.010	1.028	1.012	1.002	1.018	1.001	0.995	0.988	1.010									
06-95	1.251	1.079	0.974	1.078	1.067	1.032	1.017	1.037	1.018	1.022	1.017	1.006	1.017	0.982	1.018										
12-95	1.204	1.058	1.050	1.075	1.042	1.070	1.030	1.028	1.013	1.021	1.004	1.010	1.005	1.000											
06-96	1.346	1.115	1.120	1.028	1.082	1.040	1.025	1.027	1.008	1.007	1.008	1.001	1.001												
12-96	1.227	1.107	1.057	1.104	1.038	1.026	1.036	1.044	1.018	1.017	0.987	1.005													
06-97	1.255	1.079	1.112	1.077	1.088	1.045	1.025	1.014	1.000	1.026	1.013														
12-97	1.212	1.113	1.046	1.078	1.059	1.007	1.010	1.019	1.013	1.019															
06-98	1.292	1.104	1.088	1.103	1.066	1.050	1.047	1.011	1.012																
12-98	1.254	1.132	1.092	1.072	1.042	1.055	1.020	1.025																	
06-99	1.334	1.111	1.124	1.100	1.101	1.028	1.036																		
12-99	1.364	1.180	1.093	1.093	1.061	1.052																			
06-00	1.391	1.087	1.119	1.075	1.044																				
12-00	1.315	1.191	1.129	1.095																					
06-01	1.416	1.171	1.094																						
12-01	1.449	1.127																							
06-02	1.438																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.321	1.118	1.084	1.080	1.056	1.035	1.022	1.023	1.013	1.014	1.004	1.011	1.010	1.001	1.002	1.001	1.000	1.006	1.003	1.000	0.997	1.004	0.996	1.010	
Latest 10	1.347	1.130	1.095	1.083	1.062	1.040	1.027	1.023	1.014	1.016	1.004	1.009	1.009	0.998	1.002	1.001	1.000	1.006	1.003	1.000	0.997	1.004	0.996	1.010	
Latest 6	1.395	1.145	1.109	1.090	1.062	1.039	1.029	1.023	1.011	1.019	1.005	1.008	1.009	0.997	1.003	1.002	1.000	1.004	1.003	1.000	0.997	1.004	0.996	1.010	
Medial Avg																									
Latest 10x1	1.351	1.128	1.097	1.087	1.061	1.041	1.027	1.022	1.014	1.017	1.005	1.009	1.008	0.999	1.002	1.001	1.000	1.005	1.002	0.999	1.000	1.002	0.996	1.010	
Volume Wtd																									
Latest 14	1.325	1.125	1.088	1.082	1.056	1.036	1.023	1.023	1.013	1.015	1.004	1.010	1.009	1.000	1.001	1.001	1.000	1.006	1.003	1.000	0.997	1.004	0.996	1.010	
Latest 10	1.348	1.135	1.096	1.084	1.061	1.040	1.027	1.023	1.014	1.016	1.003	1.009	1.008	0.999	1.001	1.001	1.000	1.006	1.003	1.000	0.997	1.004	0.996	1.010	
Latest 6	1.394	1.147	1.108	1.089	1.061	1.039	1.028	1.023	1.011	1.019	1.004	1.008	1.008	0.998	1.002	1.003	1.000	1.004	1.003	1.000	0.997	1.004	0.996	1.010	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.382	1.138	1.097	1.088	1.061	1.038	1.029	1.026	1.014	1.017	1.007	1.007	1.010	1.004	1.002	1.002	1.001	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	2.337	1.691	1.486	1.354	1.245	1.173	1.130	1.098	1.070	1.055	1.037	1.030	1.023	1.013	1.009	1.007	1.005	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.410	1.147	1.108	1.089	1.061	1.045	1.028	1.023	1.014	1.019	1.004	1.008	1.008	1.001	1.003	1.003	1.003	1.003	1.003	1.001	1.000	1.000	1.000	1.000	1.002
Age To Ult	2.444	1.734	1.511	1.364	1.253	1.181	1.130	1.099	1.074	1.059	1.040	1.036	1.027	1.019	1.018	1.015	1.012	1.009	1.006	1.003	1.002	1.002	1.002	1.002	1.002
Percent of Ult	0.409	0.577	0.662	0.733	0.798	0.847	0.885	0.910	0.931	0.944	0.962	0.966	0.973	0.981	0.982	0.985	0.988	0.991	0.994	0.997	0.998	0.998	0.998	0.998	0.998
Projected Ultimate	97,229	74,516	[illegible]	77,579	89,736	62,574	77,183	56,081	64,386	48,050	57,843	42,621	50,930	38,303	48,429	34,445	46,021	30,628	37,801	34,184	38,636	29,432	34,968	27,892	30,381

Third Party Liability - Bodily Injury (Nova Scotia)
Gross Basis
Claim Count Development

	Claim Counts																								
Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	1,208	1,265	1,267	1,289	1,298	1,303	1,298	1,302	1,302	1,298	1,299	1,296	1,295	1,292	1,290	1,290	1,290	1,293	1,292	1,290	1,290	1,290	1,290	1,289	1,289
06-91	1,081	1,154	1,157	1,171	1,177	1,182	1,181	1,182	1,182	1,186	1,187	1,187	1,185	1,185	1,186	1,187	1,188	1,189	1,191	1,190	1,188	1,188	1,188	1,188	
12-91	1,426	1,448	1,447	1,458	1,475	1,493	1,492	1,493	1,496	1,493	1,499	1,495	1,495	1,493	1,495	1,496	1,495	1,492	1,491	1,491	1,491	1,491	1,492		
06-92	1,184	1,176	1,194	1,231	1,266	1,274	1,270	1,273	1,272	1,268	1,266	1,264	1,265	1,265	1,270	1,266	1,264	1,266	1,266	1,266	1,265	1,265			
12-92	1,463	1,445	1,402	1,413	1,415	1,405	1,417	1,411	1,411	1,412	1,411	1,410	1,411	1,411	1,415	1,415	1,415	1,414	1,415	1,414	1,414				
06-93	1,291	1,260	1,226	1,229	1,236	1,228	1,233	1,226	1,224	1,224	1,227	1,226	1,226	1,227	1,230	1,230	1,229	1,223	1,223	1,223					
12-93	1,477	1,438	1,438	1,437	1,442	1,436	1,423	1,435	1,435	1,434	1,432	1,434	1,435	1,433	1,436	1,435	1,432	1,432	1,434						
06-94	1,234	1,245	1,195	1,197	1,187	1,176	1,185	1,182	1,187	1,181	1,188	1,186	1,185	1,184	1,183	1,183	1,182	1,181							
12-94	1,502	1,511	1,480	1,489	1,468	1,479	1,473	1,477	1,477	1,481	1,477	1,477	1,478	1,474	1,473	1,473	1,471								
06-95	1,233	1,214	1,224	1,184	1,194	1,191	1,204	1,184	1,194	1,191	1,188	1,187	1,179	1,178	1,177	1,178									
12-95	1,464	1,529	1,449	1,456	1,441	1,456	1,440	1,444	1,433	1,431	1,434	1,436	1,428	1,426	1,426										
06-96	1,273	1,275	1,247	1,229	1,239	1,233	1,244	1,234	1,240	1,231	1,235	1,238	1,234	1,228											
12-96	1,505	1,564	1,508	1,487	1,488	1,501	1,490	1,495	1,498	1,493	1,491	1,489	1,488												
06-97	1,363	1,426	1,352	1,346	1,383	1,357	1,346	1,338	1,338	1,343	1,339	1,336													
12-97	1,652	1,682	1,618	1,627	1,586	1,585	1,574	1,575	1,566	1,566	1,566														
06-98	1,552	1,516	1,498	1,443	1,454	1,444	1,426	1,399	1,390	1,378															
12-98	1,773	1,820	1,743	1,708	1,713	1,693	1,673	1,659	1,660																
06-99	1,599	1,675	1,613	1,575	1,575	1,543	1,529	1,522																	
12-99	1,875	2,027	1,933	1,884	1,851	1,846	1,819																		
06-00	1,760	1,771	1,690	1,648	1,638	1,635																			
12-00	2,063	2,145	2,019	1,970	1,979																				
06-01	1,816	1,894	1,828	1,819																					
12-01	1,901	2,005	1,976																						
06-02	1,755	1,815																							
12-02	1,875																								

KPMG

Third Party Liability - Bodily Injury (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.047	1.002	1.017	1.007	1.004	0.996	1.003	1.000	0.997	1.001	0.998	0.999	0.998	0.998	1.000	1.000	1.002	0.999	0.998	1.000	1.000	1.000	0.999	1.000	
06-91	1.068	1.003	1.012	1.005	1.004	0.999	1.001	1.000	1.003	1.001	1.000	0.998	1.000	1.001	1.001	1.001	1.001	1.002	0.999	0.998	1.000	1.000	1.000		
12-91	1.015	0.999	1.008	1.012	1.012	0.999	1.001	1.002	0.998	1.004	0.997	1.000	0.999	1.001	1.001	0.999	0.998	0.999	1.000	1.000	1.000	1.001			
06-92	0.993	1.015	1.031	1.028	1.006	0.997	1.002	0.999	0.997	0.998	0.998	1.001	1.000	1.004	0.997	0.998	1.002	1.000	1.000	0.999	1.000				
12-92	0.988	0.970	1.008	1.001	0.993	1.009	0.996	1.000	1.001	0.999	0.999	1.001	1.000	1.003	1.000	1.000	0.999	1.001	0.999	1.000					
06-93	0.976	0.973	1.002	1.006	0.994	1.004	0.994	0.998	1.000	1.002	0.999	1.000	1.001	1.002	1.000	0.999	0.995	1.000	1.000						
12-93	0.974	1.000	0.999	1.003	0.996	0.991	1.008	1.000	0.999	0.999	1.001	1.001	0.999	1.002	0.999	0.998	1.000	1.001							
06-94	1.009	0.960	1.002	0.992	0.991	1.008	0.997	1.004	0.995	1.006	0.998	0.999	0.999	0.999	1.000	0.999	0.999								
12-94	1.006	0.979	1.006	0.986	1.007	0.996	1.003	1.000	1.003	0.997	1.000	1.001	0.997	0.999	1.000	0.999									
06-95	0.985	1.008	0.967	1.008	0.997	1.011	0.983	1.008	0.997	0.997	0.999	0.993	0.999	0.999	1.001										
12-95	1.044	0.948	1.005	0.990	1.010	0.989	1.003	0.992	0.999	1.002	1.001	0.994	0.999	1.000											
06-96	1.002	0.978	0.986	1.008	0.995	1.009	0.992	1.005	0.993	1.003	1.002	0.997	0.995												
12-96	1.039	0.964	0.986	1.001	1.009	0.993	1.003	1.002	0.997	0.999	0.999	0.999													
06-97	1.046	0.948	0.996	1.027	0.981	0.992	0.994	1.000	1.004	0.997	0.998														
12-97	1.018	0.962	1.006	0.975	0.999	0.993	1.001	0.994	1.000	1.000															
06-98	0.977	0.988	0.963	1.008	0.993	0.988	0.981	0.994	0.991																
12-98	1.027	0.958	0.980	1.003	0.988	0.988	0.992	1.001																	
06-99	1.048	0.963	0.976	1.000	0.980	0.991	0.995																		
12-99	1.081	0.954	0.975	0.982	0.997	0.996																			
06-00	1.006	0.954	0.975	0.994	0.998																				
12-00	1.040	0.941	0.976	1.005																					
06-01	1.043	0.965	0.995																						
12-01	1.055	0.986																							
06-02	1.034																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.033	0.965	0.985	0.998	0.996	0.996	0.996	1.000	0.998	1.000	0.999	0.999	0.999	1.001	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.033	0.962	0.983	1.000	0.995	0.995	0.995	1.000	0.998	1.000	1.000	0.999	0.999	1.001	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.043	0.960	0.979	0.999	0.993	0.991	0.994	0.999	0.997	1.000	1.000	0.997	0.998	1.000	1.000	0.999	0.999	1.001	0.999	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.034	0.961	0.982	1.000	0.995	0.994	0.995	1.000	0.998	1.000	1.000	0.999	0.999	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.034	0.964	0.985	0.998	0.996	0.996	0.996	1.000	0.998	1.000	0.999	0.999	0.999	1.001	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.034	0.962	0.982	0.999	0.995	0.994	0.995	1.000	0.998	1.000	1.000	0.999	0.999	1.001	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.044	0.960	0.979	0.998	0.993	0.991	0.994	0.999	0.997	1.000	1.000	0.997	0.998	1.000	1.000	0.999	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.051	0.964	0.982	0.999	0.993	0.994	0.995	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.973	0.926	0.961	0.979	0.980	0.987	0.993	0.998	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.045	0.964	0.985	0.998	0.996	0.996	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	0.978	0.936	0.971	0.986	0.988	0.992	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	1.022	1.068	1.030	1.014	1.012	1.008	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	1,835	1,699	1,919	1,794	1,955	1,622	1,832	1,522	1,660	1,378	1,566	1,336	1,488	1,228	1,426	1,178	1,471	1,181	1,434	1,223	1,414	1,265	1,492	1,188	1,289

Third Party Liability - PD (Nova Scotia)

Gross Basis

Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	14,900	14,468	14,318	14,210	14,102	13,998	13,989	13,987	13,961	13,954	13,948	13,942	13,936	13,936	13,939	13,937	13,942	13,941	13,941	13,945	13,945	13,945	13,945	13,945	13,945
06-91	13,398	13,456	12,893	12,756	12,738	12,763	12,778	12,770	12,771	12,779	12,702	12,696	12,695	12,696	12,686	12,686	12,686	12,686	12,686	12,686	12,686	12,686	12,686	12,686	
12-91	14,786	15,099	14,788	14,804	14,827	14,806	14,815	14,811	14,810	14,792	14,791	14,795	14,794	14,794	14,792	14,792	14,792	14,792	14,792	14,792	14,792	14,792	14,792		
06-92	13,557	13,233	13,191	13,337	13,242	13,108	13,064	13,058	13,050	13,045	13,046	13,051	13,048	13,048	13,048	13,046	13,045	13,045	13,045	13,045	13,045	13,045			
12-92	14,399	14,165	14,078	13,954	13,830	13,804	13,813	13,800	13,807	13,808	13,804	13,773	13,754	13,754	13,753	13,745	13,745	13,745	13,745	13,745	13,745				
06-93	13,821	13,748	13,616	13,506	13,458	13,406	13,394	13,381	13,372	13,378	13,362	13,373	13,363	13,363	13,363	13,362	13,362	13,352	13,352	13,371					
12-93	13,808	14,320	14,111	14,028	13,869	13,808	13,800	13,764	13,748	13,746	13,768	13,768	13,758	13,758	13,758	13,758	13,763	13,766	13,766						
06-94	12,539	12,571	12,695	12,615	12,563	12,466	12,472	12,453	12,411	12,424	12,441	12,423	12,422	12,422	12,415	12,415	12,413	12,413							
12-94	13,605	13,501	13,209	13,144	13,032	12,980	13,045	12,989	12,976	12,942	12,942	12,931	12,930	12,931	12,942	12,944	12,944								
06-95	11,739	11,617	11,675	11,650	11,575	11,597	11,611	11,521	11,542	11,507	11,484	11,467	11,460	11,466	11,457	11,457									
12-95	13,056	13,097	12,894	12,817	12,833	12,818	12,806	12,788	12,801	12,780	12,776	12,768	12,824	12,823	12,821										
06-96	11,015	11,077	11,029	11,046	10,989	10,984	10,958	10,949	10,923	10,964	10,959	10,971	10,971	10,964											
12-96	13,459	13,632	13,550	13,521	13,448	13,414	13,382	13,357	13,321	13,334	13,479	13,489	13,452												
06-97	11,719	11,629	11,522	11,383	11,307	11,307	11,275	11,268	11,279	11,351	11,349	11,350													
12-97	13,943	13,689	13,460	13,393	13,436	13,397	13,434	13,378	13,613	13,412	13,407														
06-98	11,312	11,404	11,228	11,183	11,171	11,136	11,136	11,148	11,226	11,193															
12-98	14,868	14,696	14,380	14,340	14,316	14,277	14,393	14,245	14,249																
06-99	12,914	12,560	12,415	12,367	12,327	12,359	12,335	12,320																	
12-99	14,661	15,259	15,239	15,283	15,210	15,133	15,208																		
06-00	13,552	13,143	13,168	13,025	12,967	13,022																			
12-00	15,136	15,867	15,807	15,759	15,704																				
06-01	14,693	14,928	15,157	15,018																					
12-01	14,489	16,148	16,177																						
06-02	13,313	13,691																							
12-02	13,464																								

KPMG

Third Party Liability - PD (Nova Scotia)
Gross Basis
Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	0.971	0.990	0.992	0.992	0.993	0.999	1.000	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.004	0.958	0.989	0.999	1.002	1.001	0.999	1.000	1.001	0.994	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.021	0.979	1.001	1.002	0.999	1.001	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.976	0.997	1.011	0.993	0.990	0.997	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	0.984	0.994	0.991	0.991	0.998	1.001	0.999	1.000	1.000	1.000	0.998	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000					
06-93	0.995	0.990	0.992	0.996	0.996	0.999	0.999	0.999	1.000	0.999	1.001	0.999	1.000	1.000	1.000	1.000	0.999	1.000	1.001						
12-93	1.037	0.985	0.994	0.989	0.996	0.999	0.997	0.999	1.000	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.003	1.010	0.994	0.996	0.992	1.000	0.998	0.997	1.001	1.001	0.999	1.000	1.000	0.999	1.000	1.000	1.000								
12-94	0.992	0.978	0.995	0.991	0.996	1.005	0.996	0.999	0.997	1.000	0.999	1.000	1.000	1.001	1.000	1.000									
06-95	0.990	1.005	0.998	0.994	1.002	1.001	0.992	1.002	0.997	0.998	0.999	0.999	1.001	0.999	1.000										
12-95	1.003	0.984	0.994	1.001	0.999	0.999	0.999	1.001	0.998	1.000	0.999	1.004	1.000	1.000											
06-96	1.006	0.996	1.002	0.995	0.999	0.998	0.999	0.998	1.004	1.000	1.001	1.000	0.999												
12-96	1.013	0.994	0.998	0.995	0.998	0.998	0.998	0.997	1.001	1.011	1.001	0.997													
06-97	0.992	0.991	0.988	0.993	1.000	0.997	0.999	1.001	1.006	1.000	1.000														
12-97	0.982	0.983	0.995	1.003	0.997	1.003	0.996	1.018	0.985	1.000															
06-98	1.008	0.984	0.996	0.999	0.997	1.000	1.001	1.007	0.997																
12-98	0.988	0.979	0.997	0.998	0.997	1.008	0.990	1.000																	
06-99	0.973	0.989	0.996	0.997	1.003	0.998	0.999																		
12-99	1.041	0.999	1.003	0.995	0.995	1.005																			
06-00	0.970	1.002	0.989	0.996	1.004																				
12-00	1.048	0.996	0.997	0.997																					
06-01	1.016	1.015	0.991																						
12-01	1.115	1.002																							
06-02	1.028																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.013	0.994	0.996	0.996	0.998	1.001	0.997	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.017	0.994	0.995	0.997	0.999	1.001	0.997	1.002	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.036	1.000	0.996	0.997	0.999	1.002	0.997	1.003	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.011	0.993	0.995	0.996	0.999	1.000	0.997	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.014	0.994	0.996	0.996	0.998	1.001	0.997	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.018	0.994	0.995	0.997	0.999	1.001	0.997	1.002	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.037	1.001	0.996	0.997	0.999	1.002	0.997	1.004	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.048	0.996	0.995	0.997	0.999	1.001	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.033	0.986	0.990	0.995	0.998	0.999	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.037	1.001	0.996	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.031	0.994	0.993	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.970	1.006	1.007	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	13,878	13,609	16,064	14,973	15,704	13,022	15,208	12,320	14,249	11,193	13,407	11,350	13,452	10,964	12,821	11,457	12,944	12,413	13,766	13,371	13,745	13,045	14,792	12,686	13,945

KPMG

Third Party Liability - PD (Nova Scotia)

Gross Basis

Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	7,905	7,906	7,853	7,848	7,836	7,830	7,818	7,817	7,816	7,814	7,814	7,813	7,812	7,811	7,811	7,811	7,811	7,810	7,810	7,810	7,810	7,810	7,810	7,810	7,810
06-91	6,985	7,140	7,095	7,086	7,084	7,085	7,083	7,082	7,081	7,080	7,080	7,079	7,079	7,079	7,078	7,078	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	
12-91	7,615	7,957	7,916	7,908	7,913	7,912	7,905	7,904	7,903	7,902	7,901	7,901	7,900	7,900	7,899	7,899	7,899	7,899	7,899	7,899	7,899	7,899	7,899		
06-92	7,368	7,301	7,283	7,266	7,263	7,254	7,252	7,251	7,250	7,248	7,248	7,247	7,247	7,247	7,247	7,246	7,245	7,245	7,245	7,245	7,245	7,245			
12-92	7,007	7,005	6,953	6,936	6,925	6,915	6,914	6,914	6,913	6,913	6,911	6,908	6,907	6,907	6,907	6,906	6,906	6,906	6,906	6,906	6,906				
06-93	7,050	7,009	6,965	6,955	6,947	6,947	6,943	6,938	6,936	6,935	6,934	6,935	6,934	6,933	6,933	6,932	6,932	6,931	6,931	6,931					
12-93	6,607	6,651	6,600	6,585	6,575	6,568	6,563	6,564	6,562	6,561	6,561	6,561	6,561	6,561	6,560	6,560	6,560	6,560	6,560						
06-94	5,659	5,707	5,686	5,675	5,666	5,659	5,659	5,654	5,654	5,651	5,651	5,650	5,650	5,650	5,650	5,649	5,649	5,649							
12-94	6,092	6,100	6,053	6,035	6,028	6,022	6,020	6,019	6,017	6,015	6,015	6,014	6,013	6,013	6,013	6,013	6,013								
06-95	5,251	5,238	5,223	5,204	5,199	5,194	5,191	5,187	5,188	5,184	5,182	5,180	5,180	5,180	5,179	5,179									
12-95	5,564	5,626	5,549	5,534	5,522	5,516	5,511	5,508	5,509	5,506	5,505	5,505	5,504	5,504	5,503										
06-96	4,962	4,961	4,952	4,946	4,941	4,935	4,927	4,922	4,919	4,919	4,917	4,916	4,916	4,914											
12-96	5,456	5,426	5,362	5,349	5,353	5,347	5,340	5,339	5,333	5,332	5,333	5,330	5,329												
06-97	4,944	4,859	4,817	4,809	4,801	4,801	4,802	4,798	4,799	4,796	4,795	4,795													
12-97	5,545	5,364	5,298	5,278	5,273	5,264	5,264	5,258	5,259	5,258	5,256														
06-98	4,860	4,727	4,666	4,639	4,630	4,617	4,615	4,610	4,609	4,609															
12-98	5,584	5,524	5,417	5,400	5,389	5,378	5,373	5,370	5,367																
06-99	5,185	4,925	4,840	4,811	4,802	4,800	4,799	4,794																	
12-99	5,603	5,493	5,385	5,349	5,348	5,343	5,340																		
06-00	5,203	5,046	5,007	4,970	4,959	4,953																			
12-00	5,600	5,544	5,484	5,455	5,446																				
06-01	5,532	5,417	5,356	5,323																					
12-01	5,160	5,319	5,283																						
06-02	4,913	4,890																							
12-02	4,645																								

Third Party Liability - PD (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.000	0.993	0.999	0.998	0.999	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.022	0.994	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.045	0.995	0.999	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.991	0.998	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	1.000	0.993	0.998	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.994	0.994	0.999	0.999	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.007	0.992	0.998	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.008	0.996	0.998	0.998	0.999	1.000	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	1.001	0.992	0.997	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	0.998	0.997	0.996	0.999	0.999	0.999	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	1.011	0.986	0.997	0.998	0.999	0.999	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000											
06-96	1.000	0.998	0.999	0.999	0.999	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000												
12-96	0.995	0.988	0.998	1.001	0.999	0.999	1.000	0.999	1.000	1.000	0.999	1.000													
06-97	0.983	0.991	0.998	0.998	1.000	1.000	0.999	1.000	0.999	1.000	1.000														
12-97	0.967	0.988	0.996	0.999	0.998	1.000	0.999	1.000	1.000	1.000															
06-98	0.973	0.987	0.994	0.998	0.997	1.000	0.999	1.000	1.000																
12-98	0.989	0.981	0.997	0.998	0.998	0.999	0.999	0.999																	
06-99	0.950	0.983	0.994	0.998	1.000	1.000	0.999																		
12-99	0.980	0.980	0.993	1.000	0.999	0.999																			
06-00	0.970	0.992	0.993	0.998	0.999																				
12-00	0.990	0.989	0.995	0.998																					
06-01	0.979	0.989	0.994																						
12-01	1.031	0.993																							
06-02	0.995																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	0.987	0.989	0.996	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.982	0.987	0.995	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.991	0.988	0.994	0.998	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	0.980	0.987	0.995	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	0.987	0.989	0.996	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.982	0.987	0.995	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.991	0.988	0.994	0.998	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	0.998	0.987	0.994	0.998	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.974	0.976	0.989	0.995	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	0.991	0.989	0.996	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	0.972	0.981	0.992	0.996	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	1.029	1.019	1.008	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	4,516	4,798	5,241	5,302	5,430	4,943	5,335	4,794	5,367	4,609	5,256	4,795	5,329	4,914	5,503	5,179	6,013	5,649	6,560	6,931	6,906	7,245	7,899	7,077	7,810

KPMG

Accident Benefits (Nova Scotia)
Gross Basis
Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	3,634	3,758	4,189	4,455	5,083	5,362	5,654	5,480	5,583	5,506	5,624	5,580	5,592	5,606	5,604	5,608	5,576	5,584	5,584	5,584	5,568	5,570	5,571	5,571	5,571
06-91	3,085	3,663	4,440	4,737	4,737	5,176	5,470	5,494	5,335	5,543	5,654	5,658	5,682	5,714	5,616	5,655	5,678	5,650	5,666	5,707	5,733	5,707	5,711	5,714	
12-91	3,644	4,621	5,099	5,407	5,591	5,676	5,680	5,763	5,788	5,803	6,187	5,869	5,925	6,054	6,115	6,162	6,150	6,153	6,162	6,083	6,121	6,127	6,098		
06-92	3,635	4,059	4,300	4,876	5,008	5,262	5,300	5,392	5,394	5,409	5,257	5,251	5,355	5,382	5,385	5,375	5,377	5,492	5,476	5,537	5,543	5,544			
12-92	5,223	5,465	6,141	6,668	6,736	7,223	7,261	7,290	7,223	7,317	7,350	7,466	7,520	7,408	7,309	7,490	7,432	7,429	7,494	7,501	7,499				
06-93	4,683	5,321	5,883	6,095	6,469	6,505	6,516	6,612	6,537	6,611	6,603	6,608	6,697	6,650	6,662	6,636	6,624	6,626	6,623	6,631					
12-93	5,061	5,129	5,277	5,544	5,824	5,738	5,740	5,895	5,764	5,893	6,066	5,985	6,096	6,069	6,039	6,030	6,029	6,013	5,994						
06-94	4,146	4,290	4,329	5,861	4,902	4,921	5,051	4,903	4,890	5,015	5,102	5,174	5,169	5,165	5,168	5,168	5,179	5,176							
12-94	5,704	6,075	6,285	6,508	6,577	6,719	6,957	7,089	6,957	6,988	7,010	6,990	6,966	6,964	6,979	7,004	6,907								
06-95	4,612	4,728	4,497	4,843	5,167	5,504	5,837	5,932	5,765	5,623	5,580	5,538	5,545	5,584	5,607	5,612									
12-95	6,479	5,951	6,044	6,425	6,587	6,819	6,989	7,176	7,415	7,523	7,482	7,466	7,578	7,628	7,983										
06-96	4,993	4,971	4,954	5,314	5,364	5,507	5,490	5,515	5,610	5,667	5,918	5,957	6,013	5,954											
12-96	7,045	6,656	6,552	6,920	7,410	7,567	7,837	7,708	7,561	7,577	7,506	7,456	7,470												
06-97	5,749	5,629	5,852	6,125	6,064	6,263	6,409	6,612	6,666	6,721	6,809	6,731													
12-97	7,210	6,887	6,973	7,318	7,635	7,778	7,504	7,775	7,859	7,871	7,880														
06-98	5,760	5,812	5,977	6,334	6,638	6,858	6,952	7,032	7,012	7,006															
12-98	7,510	7,681	7,828	8,353	8,566	8,832	9,162	9,497	9,769																
06-99	7,113	6,896	6,919	7,699	8,233	8,646	9,114	9,093																	
12-99	9,035	9,050	9,087	10,142	10,932	11,629	11,774																		
06-00	7,493	8,036	8,362	8,859	9,706	9,856																			
12-00	11,065	11,953	12,118	14,293	14,671																				
06-01	9,343	9,379	10,333	10,820																					
12-01	9,690	11,249	11,557																						
06-02	8,638	9,028																							
12-02	10,039																								

Accident Benefits (Nova Scotia)

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.034	1.115	1.064	1.141	1.055	1.054	0.969	1.019	0.986	1.021	0.992	1.002	1.002	1.000	1.001	0.994	1.002	1.000	1.000	0.997	1.000	1.000	1.000	1.000	
06-91	1.187	1.212	1.067	1.000	1.093	1.057	1.005	0.971	1.039	1.020	1.001	1.004	1.006	0.983	1.007	1.004	0.995	1.003	1.007	1.005	0.995	1.001	1.001		
12-91	1.268	1.103	1.060	1.034	1.015	1.001	1.015	1.004	1.003	1.066	0.949	1.010	1.022	1.010	1.008	0.998	1.000	1.002	0.987	1.006	1.001	0.995			
06-92	1.117	1.059	1.134	1.027	1.051	1.007	1.017	1.000	1.003	0.972	0.999	1.020	1.005	1.001	0.998	1.000	1.021	0.997	1.011	1.001	1.000				
12-92	1.046	1.124	1.086	1.010	1.072	1.005	1.004	0.991	1.013	1.004	1.016	1.007	0.985	0.987	1.025	0.992	1.000	1.009	1.001	1.000					
06-93	1.136	1.106	1.036	1.061	1.006	1.002	1.015	0.989	1.011	0.999	1.001	1.013	0.993	1.002	0.996	0.998	1.000	1.000	1.001						
12-93	1.013	1.029	1.051	1.050	0.985	1.000	1.027	0.978	1.022	1.029	0.987	1.018	0.996	0.995	0.998	1.000	0.997	0.997							
06-94	1.035	1.009	1.354	0.836	1.004	1.026	0.971	0.997	1.026	1.017	1.014	0.999	0.999	1.001	1.000	1.002	0.999								
12-94	1.065	1.034	1.036	1.011	1.022	1.035	1.019	0.981	1.004	1.003	0.997	0.997	1.000	1.002	1.004	0.986									
06-95	1.025	0.951	1.077	1.067	1.065	1.060	1.016	0.972	0.975	0.993	0.992	1.001	1.007	1.004	1.001										
12-95	0.919	1.016	1.063	1.025	1.035	1.025	1.027	1.033	1.015	0.995	0.998	1.015	1.007	1.046											
06-96	0.996	0.997	1.073	1.009	1.027	0.997	1.005	1.017	1.010	1.044	1.007	1.009	0.990												
12-96	0.945	0.984	1.056	1.071	1.021	1.036	0.984	0.981	1.002	0.991	0.993	1.002													
06-97	0.979	1.040	1.047	0.990	1.033	1.023	1.032	1.008	1.008	1.013	0.988														
12-97	0.955	1.013	1.049	1.043	1.019	0.965	1.036	1.011	1.002	1.001															
06-98	1.009	1.028	1.060	1.048	1.033	1.014	1.011	0.997	0.999																
12-98	1.023	1.019	1.067	1.025	1.031	1.037	1.037	1.029																	
06-99	0.969	1.003	1.113	1.069	1.050	1.054	0.998																		
12-99	1.002	1.004	1.116	1.078	1.064	1.012																			
06-00	1.072	1.041	1.059	1.096	1.015																				
12-00	1.080	1.014	1.179	1.026																					
06-01	1.004	1.102	1.047																						
12-01	1.161	1.027																							
06-02	1.045																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.011	1.017	1.074	1.028	1.029	1.021	1.013	0.999	1.007	1.011	0.995	1.008	1.001	1.003	1.004	0.997	1.002	1.001	1.001	1.002	0.999	0.999	1.000	1.000	
Latest 10	1.032	1.029	1.079	1.046	1.033	1.022	1.016	1.003	1.006	1.008	0.999	1.008	1.000	1.003	1.004	0.997	1.002	1.001	1.001	1.002	0.999	0.999	1.000	1.000	
Latest 6	1.061	1.032	1.097	1.057	1.035	1.018	1.016	1.007	1.006	1.006	0.996	1.004	1.000	1.008	1.004	0.996	1.003	1.001	1.001	1.002	0.999	0.999	1.000	1.000	
Medial Avg																									
Latest 10x1	1.026	1.023	1.071	1.046	1.031	1.025	1.018	1.003	1.008	1.006	0.999	1.008	1.000	1.000	1.002	0.998	1.000	1.000	1.002	1.002	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.019	1.021	1.080	1.033	1.030	1.021	1.013	1.000	1.006	1.009	0.995	1.008	1.001	1.004	1.004	0.997	1.002	1.001	1.001	1.002	0.999	0.999	1.000	1.000	
Latest 10	1.038	1.029	1.086	1.047	1.034	1.022	1.016	1.004	1.006	1.007	0.999	1.008	1.000	1.004	1.004	0.997	1.002	1.001	1.001	1.002	0.999	0.999	1.000	1.000	
Latest 6	1.062	1.032	1.101	1.055	1.037	1.018	1.016	1.008	1.006	1.005	0.996	1.004	1.000	1.010	1.005	0.996	1.003	1.001	1.001	1.002	0.999	0.999	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.079	1.036	1.091	1.038	1.034	1.007	1.022	1.005	1.008	1.005	1.001	1.005	1.002	1.001	1.005	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.393	1.291	1.246	1.143	1.101	1.065	1.058	1.035	1.030	1.022	1.016	1.015	1.010	1.008	1.006	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.065	1.030	1.086	1.055	1.034	1.020	1.020	1.008	1.006	1.005	1.002	1.002	1.001	1.004	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	1.396	1.311	1.273	1.172	1.111	1.074	1.053	1.032	1.024	1.018	1.013	1.011	1.009	1.008	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.716	0.763	0.786	0.853	0.900	0.931	0.950	0.969	0.976	0.982	0.987	0.989	0.991	0.992	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	14,013	11,833	14,707	12,678	16,294	10,586	12,399	9,388	10,005	7,133	7,983	6,805	7,538	6,002	8,014	5,612	6,907	5,176	5,994	6,631	7,499	5,544	6,098	5,714	5,571

Accident Benefits (Nova Scotia)

Gross Basis

Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	2,212	2,109	2,150	2,199	2,234	2,238	2,236	2,239	2,238	2,233	2,239	2,240	2,239	2,236	2,235	2,235	2,233	2,233	2,233	2,235	2,233	2,233	2,233	2,233	2,233
06-91	1,853	1,852	1,910	1,927	1,967	1,965	1,966	1,965	1,962	1,966	1,967	1,968	1,967	1,967	1,964	1,964	1,964	1,965	1,965	1,965	1,965	1,965	1,965	1,965	
12-91	2,187	2,206	2,156	2,177	2,172	2,174	2,174	2,175	2,169	2,171	2,167	2,165	2,163	2,163	2,162	2,162	2,162	2,162	2,162	2,162	2,162	2,162	2,162		
06-92	1,804	1,763	1,748	1,755	1,758	1,761	1,756	1,753	1,752	1,751	1,750	1,751	1,751	1,750	1,750	1,749	1,748	1,748	1,748	1,748	1,748	1,748			
12-92	2,263	2,297	2,251	2,251	2,243	2,229	2,231	2,235	2,233	2,231	2,228	2,228	2,229	2,228	2,229	2,229	2,229	2,229	2,229	2,229	2,228				
06-93	2,009	1,912	1,889	1,866	1,874	1,875	1,873	1,866	1,865	1,862	1,863	1,862	1,863	1,861	1,862	1,862	1,862	1,862	1,861	1,861					
12-93	2,356	2,157	2,097	2,105	2,097	2,092	2,094	2,092	2,089	2,090	2,093	2,093	2,094	2,092	2,089	2,088	2,088	2,088	2,087						
06-94	1,813	1,661	1,611	1,603	1,626	1,627	1,621	1,616	1,614	1,614	1,614	1,614	1,611	1,611	1,611	1,611	1,611	1,610							
12-94	2,497	2,359	2,325	2,319	2,311	2,315	2,312	2,318	2,331	2,335	2,333	2,334	2,334	2,335	2,334	2,334	2,333								
06-95	1,962	1,824	1,782	1,771	1,772	1,787	1,797	1,808	1,821	1,814	1,816	1,811	1,811	1,809	1,809	1,809									
12-95	2,461	2,332	2,240	2,226	2,209	2,228	2,230	2,251	2,250	2,251	2,253	2,252	2,251	2,254	2,258										
06-96	2,058	1,916	1,873	1,844	1,853	1,854	1,863	1,856	1,865	1,864	1,865	1,865	1,865	1,863											
12-96	2,403	2,251	2,134	2,121	2,150	2,177	2,180	2,194	2,194	2,194	2,189	2,188	2,189												
06-97	2,238	2,082	2,064	2,070	2,091	2,091	2,091	2,093	2,098	2,096	2,095	2,095													
12-97	2,527	2,323	2,293	2,321	2,309	2,324	2,326	2,331	2,328	2,325	2,323														
06-98	2,328	2,098	2,135	2,111	2,117	2,119	2,117	2,115	2,108	2,110															
12-98	2,692	2,560	2,440	2,478	2,492	2,508	2,510	2,516	2,526																
06-99	2,506	2,308	2,277	2,271	2,284	2,284	2,297	2,312																	
12-99	2,938	2,883	2,814	2,830	2,837	2,846	2,861																		
06-00	2,464	2,430	2,383	2,373	2,372	2,411																			
12-00	3,210	3,134	3,051	3,050	3,097																				
06-01	2,741	2,577	2,494	2,525																					
12-01	2,904	2,773	2,727																						
06-02	2,415	2,323																							
12-02	2,732																								

KPMG

Accident Benefits (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	0.953	1.019	1.023	1.016	1.002	0.999	1.001	1.000	0.998	1.003	1.000	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	
06-91	0.999	1.031	1.009	1.021	0.999	1.001	0.999	0.998	1.002	1.001	1.001	0.999	1.000	0.998	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.009	0.977	1.010	0.998	1.001	1.000	1.000	0.997	1.001	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.977	0.991	1.004	1.002	1.002	0.997	0.998	0.999	0.999	0.999	1.001	1.000	0.999	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000				
12-92	1.015	0.980	1.000	0.996	0.994	1.001	1.002	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.952	0.988	0.988	1.004	1.001	0.999	0.996	0.999	0.998	1.001	0.999	1.001	0.999	1.001	1.000	1.000	1.000	0.999	1.000						
12-93	0.916	0.972	1.004	0.996	0.998	1.001	0.999	0.999	1.000	1.001	1.000	1.000	0.999	0.999	1.000	1.000	1.000	1.000							
06-94	0.916	0.970	0.995	1.014	1.001	0.996	0.997	0.999	1.000	1.000	1.000	0.998	1.000	1.000	1.000	1.000	0.999								
12-94	0.945	0.986	0.997	0.997	1.002	0.999	1.003	1.006	1.002	0.999	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	0.930	0.977	0.994	1.001	1.008	1.006	1.006	1.007	0.996	1.001	0.997	1.000	0.999	1.000	1.000										
12-95	0.948	0.961	0.994	0.992	1.009	1.001	1.009	1.000	1.000	1.001	1.000	1.000	1.001	1.002											
06-96	0.931	0.978	0.985	1.005	1.001	1.005	0.996	1.005	0.999	1.001	1.000	1.000	0.999												
12-96	0.937	0.948	0.994	1.014	1.013	1.001	1.006	1.000	1.000	0.998	1.000	1.000													
06-97	0.930	0.991	1.003	1.010	1.000	1.000	1.001	1.002	0.999	1.000	1.000														
12-97	0.919	0.987	1.012	0.995	1.006	1.001	1.002	0.999	0.999	0.999															
06-98	0.901	1.018	0.989	1.003	1.001	0.999	0.999	0.997	1.001																
12-98	0.951	0.953	1.016	1.006	1.006	1.001	1.002	1.004																	
06-99	0.921	0.987	0.997	1.006	1.000	1.006	1.007																		
12-99	0.981	0.976	1.006	1.002	1.003	1.005																			
06-00	0.986	0.981	0.996	1.000	1.016																				
12-00	0.976	0.974	1.000	1.015																					
06-01	0.940	0.968	1.012																						
12-01	0.955	0.983																							
06-02	0.962																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	0.946	0.977	1.000	1.004	1.005	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.949	0.982	1.002	1.006	1.006	1.002	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.967	0.978	1.004	1.005	1.006	1.002	1.003	1.001	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	0.951	0.981	1.002	1.006	1.005	1.002	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	0.947	0.977	1.000	1.004	1.005	1.001	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.951	0.981	1.003	1.006	1.006	1.002	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.967	0.978	1.004	1.006	1.006	1.002	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	0.965	0.981	1.004	1.003	1.003	1.003	1.002	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.963	0.998	1.018	1.014	1.011	1.007	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	0.967	0.978	1.004	1.006	1.006	1.002	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	0.968	1.001	1.023	1.019	1.013	1.007	1.005	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	1.033	0.999	0.977	0.981	0.987	0.993	0.995	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	2,644	2,325	2,790	2,573	3,137	2,428	2,875	2,317	2,526	2,110	2,323	2,095	2,180	1,863	2,258	1,809	2,333	1,610	2,087	1,861	2,228	1,748	2,162	1,965	2,233

Uninsured Motorist (Nova Scotia)

Gross Basis

Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78
12-96	498	733	718	745	872	1,076	1,109	1,293	1,222	1,111	1,264	1,280	1,258
06-97	687	1,177	1,114	1,217	1,513	1,662	1,651	1,628	1,575	1,657	1,633	1,632	
12-97	1,047	1,228	1,314	1,407	1,503	1,884	2,134	2,101	1,901	1,946	1,939		
06-98	381	448	471	726	887	1,021	930	1,034	967	1,019			
12-98	710	1,058	1,269	1,848	1,966	1,862	1,804	1,989	2,176				
06-99	604	905	992	1,196	1,399	1,754	1,667	1,685					
12-99	718	1,073	1,165	1,258	1,355	1,422	1,464						
06-00	623	1,236	1,570	1,727	1,911	1,928							
12-00	1,162	1,463	1,631	1,726	2,108								
06-01	477	756	1,164	1,316									
12-01	1,001	1,671	2,062										
06-02	584	1,229											
12-02	830												

Uninsured Motorist (Nova Scotia)

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	To Ult
12-96	1.472	0.979	1.037	1.171	1.234	1.030	1.166	0.946	0.909	1.138	1.013	0.983	
06-97	1.713	0.947	1.092	1.244	1.098	0.993	0.987	0.967	1.052	0.986	0.999		
12-97	1.172	1.071	1.071	1.068	1.253	1.133	0.984	0.905	1.024	0.996			
06-98	1.174	1.053	1.540	1.223	1.151	0.911	1.112	0.935	1.054				
12-98	1.491	1.199	1.456	1.064	0.947	0.969	1.102	1.094					
06-99	1.497	1.097	1.206	1.170	1.254	0.951	1.011						
12-99	1.494	1.086	1.080	1.077	1.049	1.030							
06-00	1.984	1.271	1.100	1.107	1.009								
12-00	1.259	1.115	1.058	1.221									
06-01	1.585	1.539	1.130										
12-01	1.669	1.234											
06-02	2.103												
12-02													

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	To Ult
Simple Avg													
Latest 13	1.551	1.145	1.177	1.149	1.124	1.002	1.060	0.969	1.010	1.040	1.006	0.983	
Latest 10	1.543	1.161	1.177	1.149	1.124	1.002	1.060	0.969	1.010	1.040	1.006	0.983	
Latest 6	1.682	1.224	1.172	1.144	1.110	0.998	1.060	0.969	1.010	1.040	1.006	0.983	
Medial Avg													
Latest 10x1	1.519	1.141	1.149	1.148	1.132	0.995	1.053	0.949	1.038	0.996	1.006	0.983	
Volume Wtd													
Latest 13	1.528	1.147	1.154	1.141	1.105	1.007	1.047	0.975	1.012	1.026	1.005	0.983	
Latest 10	1.514	1.158	1.154	1.141	1.105	1.007	1.047	0.975	1.012	1.026	1.005	0.983	
Latest 6	1.627	1.208	1.164	1.135	1.094	1.005	1.047	0.975	1.012	1.026	1.005	0.983	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	To Ult
Industry 2002	1.440	1.141	1.110	1.113	1.097	1.020	1.024	1.024	1.021	1.000	1.000	1.000	1.000
Ind - Age To Ult	2.429	1.687	1.479	1.333	1.198	1.092	1.071	1.046	1.021	1.000	1.000	1.000	1.000
Selected	1.459	1.125	1.097	1.106	1.082	1.000	1.045	1.015	1.011	1.002	1.010	1.010	1.000
Age to Ult	2.362	1.619	1.439	1.312	1.186	1.096	1.096	1.049	1.033	1.022	1.020	1.010	1.000
Percent of Ult	0.423	0.618	0.695	0.762	0.843	0.912	0.912	0.953	0.968	0.978	0.980	0.990	1.000
Projected Ultimate	1,961	1,989	2,967	1,726	2,500	2,113	1,605	1,767	2,249	1,042	1,978	1,649	1,258

Uninsured Motorist (Atlantics)
Gross Basis
Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	66	94	142	146	172	165	165	153	125	125	125	125	125	125	125	127	125	125	125	125	127	125	125	125	125
06-91	91	141	311	411	448	565	534	596	694	692	689	627	627	627	627	627	627	627	627	627	627	627	627	627	
12-91	305	381	451	440	396	516	502	484	462	430	471	471	471	429	429	429	429	429	429	429	429	429	429		
06-92	192	294	370	480	667	623	634	623	623	558	553	554	558	550	550	528	525	525	525	525	525	525			
12-92	591	852	1,121	1,376	1,388	1,355	1,397	1,395	1,433	1,385	1,360	1,328	1,480	1,491	1,489	1,489	1,489	1,489	1,489	1,489	1,489				
06-93	464	642	656	784	771	738	694	688	702	695	586	583	583	583	583	583	583	583	583	583					
12-93	434	537	767	770	1,057	1,043	1,052	1,064	1,488	1,445	1,465	1,161	1,416	1,391	1,392	1,390	1,402	1,402	1,402						
06-94	878	1,160	1,130	1,135	1,115	1,017	1,146	1,123	1,131	1,187	1,187	1,197	1,318	1,317	1,315	1,313	1,313	1,311							
12-94	918	1,549	1,544	1,731	1,907	2,169	2,005	1,896	1,938	1,892	1,787	1,899	1,912	1,878	1,877	1,896	1,896								
06-95	816	1,852	2,515	2,677	2,772	2,828	2,456	2,861	2,783	2,679	2,784	2,783	2,801	2,820	2,978	2,831									
12-95	1,033	1,917	2,014	2,130	2,543	2,552	2,422	2,480	2,853	2,862	2,761	2,913	2,878	2,763	2,904										
06-96	971	1,404	1,441	1,607	1,672	1,585	1,617	1,495	1,864	1,903	1,908	2,041	2,006	2,003											
12-96	2,145	2,668	2,761	2,833	2,943	3,225	3,314	3,615	3,674	3,633	3,831	3,840	3,761												
06-97	1,804	2,819	2,705	2,925	3,188	3,287	3,343	3,540	3,381	3,509	3,425	3,471													
12-97	2,387	3,276	3,739	4,236	4,316	4,868	5,119	5,118	4,975	5,325	5,432														
06-98	1,262	2,130	2,403	2,747	3,164	3,466	3,413	3,477	3,279	3,424															
12-98	2,206	3,320	3,624	4,346	5,359	5,635	5,519	6,022	5,805																
06-99	2,159	2,930	3,058	3,309	3,469	4,408	4,343	4,557																	
12-99	2,190	3,197	3,377	3,471	4,017	4,201	4,509																		
06-00	2,236	3,162	3,792	4,080	4,409	4,740																			
12-00	2,725	3,547	3,862	3,819	4,386																				
06-01	1,915	2,596	3,248	3,967																					
12-01	2,598	3,877	4,906																						
06-02	2,042	3,647																							
12-02	2,855																								

Uninsured Motorist (Atlantics)
Gross Basis
Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.430	1.500	1.031	1.179	0.962	1.000	0.923	0.816	1.000	1.000	1.000	1.000	1.000	1.000	1.016	0.984	1.000	1.000	1.000	1.016	0.984	1.000	1.000	1.000	
06-91	1.556	2.207	1.322	1.090	1.260	0.945	1.118	1.164	0.997	0.995	0.910	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.248	1.184	0.975	0.900	1.304	0.973	0.964	0.955	0.929	1.096	1.000	1.000	0.911	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	1.531	1.260	1.296	1.389	0.934	1.019	0.982	1.001	0.896	0.991	1.001	1.007	0.985	1.001	0.959	0.994	1.000	1.001	1.000	1.000	1.000				
12-92	1.442	1.316	1.227	1.009	0.976	1.031	0.999	1.027	0.966	0.982	0.976	1.115	1.007	0.999	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	1.382	1.022	1.196	0.984	0.956	0.941	0.992	1.020	0.990	0.843	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.238	1.429	1.004	1.374	0.986	1.009	1.011	1.399	0.971	1.014	0.792	1.220	0.982	1.001	0.999	1.009	1.000	1.000							
06-94	1.321	0.973	1.005	0.982	0.913	1.127	0.979	1.007	1.050	1.000	1.009	1.101	0.999	0.999	0.999	1.000	0.999								
12-94	1.688	0.997	1.121	1.102	1.137	0.925	0.946	1.022	0.976	0.945	1.062	1.007	0.982	0.999	1.010	1.000									
06-95	2.269	1.358	1.064	1.035	1.020	0.868	1.165	0.973	0.963	1.039	0.999	1.007	1.007	1.056	0.951										
12-95	1.856	1.051	1.058	1.194	1.003	0.949	1.024	1.150	1.003	0.965	1.055	0.988	0.960	1.051											
06-96	1.447	1.026	1.115	1.041	0.948	1.021	0.924	1.248	1.021	1.002	1.070	0.983	0.998												
12-96	1.244	1.035	1.026	1.039	1.096	1.028	1.091	1.016	0.989	1.055	1.002	0.979													
06-97	1.563	0.960	1.081	1.090	1.031	1.017	1.059	0.955	1.038	0.976	1.013														
12-97	1.372	1.141	1.133	1.019	1.128	1.051	1.000	0.972	1.070	1.020															
06-98	1.688	1.128	1.143	1.152	1.095	0.985	1.019	0.943	1.044																
12-98	1.505	1.092	1.199	1.233	1.051	0.979	1.091	0.964																	
06-99	1.357	1.044	1.082	1.049	1.270	0.985	1.049																		
12-99	1.460	1.056	1.028	1.157	1.046	1.073																			
06-00	1.414	1.199	1.076	1.081	1.075																				
12-00	1.301	1.089	0.989	1.148																					
06-01	1.355	1.251	1.222																						
12-01	1.492	1.265																							
06-02	1.786																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.489	1.121	1.096	1.094	1.057	0.997	1.025	1.050	0.993	0.995	0.992	1.031	0.986	1.010	0.993	0.998	1.000	1.000	1.000	1.003	0.996	1.000	1.000	1.000	
Latest 10	1.473	1.123	1.098	1.101	1.074	0.996	1.037	1.025	1.012	0.986	0.998	1.041	0.983	1.011	0.993	0.998	1.000	1.000	1.000	1.003	0.996	1.000	1.000	1.000	
Latest 6	1.468	1.151	1.099	1.137	1.111	1.015	1.052	1.016	1.027	1.010	1.034	1.011	0.988	1.018	0.993	1.000	1.000	1.000	1.000	1.003	0.996	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.456	1.125	1.096	1.095	1.066	1.002	1.035	1.007	1.011	0.995	1.014	1.026	0.989	1.006	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.463	1.123	1.095	1.103	1.074	0.998	1.039	1.015	1.011	1.002	1.003	1.021	0.988	1.021	0.987	1.001	1.000	1.000	1.000	1.001	0.999	1.000	1.000	1.000	
Latest 10	1.459	1.125	1.097	1.106	1.082	1.000	1.045	1.002	1.018	1.001	1.006	1.023	0.987	1.021	0.987	1.001	1.000	1.000	1.000	1.001	0.999	1.000	1.000	1.000	
Latest 6	1.461	1.152	1.097	1.139	1.104	1.015	1.051	0.988	1.031	1.012	1.027	1.000	0.987	1.028	0.986	1.001	1.000	1.000	1.000	1.001	0.999	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.440	1.141	1.110	1.113	1.097	1.020	1.024	1.024	1.021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	2.429	1.687	1.479	1.333	1.198	1.092	1.071	1.046	1.021	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.459	1.125	1.097	1.106	1.082	1.000	1.045	1.015	1.011	1.002	1.010	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	2.362	1.619	1.439	1.312	1.186	1.096	1.096	1.049	1.033	1.022	1.020	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.423	0.618	0.695	0.762	0.843	0.912	0.912	0.953	0.968	0.978	0.980	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	6,743	5,904	7,059	5,204	5,202	5,196	4,943	4,780	5,999	3,499	5,541	3,505	3,761	2,003	2,904	2,831	1,896	1,311	1,402	583	1,489	525	429	627	125

Uninsured Motorist (Nova Scotia)

Gross Basis

Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78
12-96	64	80	75	74	72	74	73	73	73	72	74	76	76
06-97	92	105	102	104	113	114	107	107	107	107	106	105	
12-97	117	125	119	133	124	122	124	121	119	118	119		
06-98	52	59	58	56	56	54	50	49	48	49			
12-98	85	89	91	92	93	88	87	86	86				
06-99	63	72	73	77	79	77	76	76					
12-99	85	93	90	89	89	88	87						
06-00	60	74	74	69	73	68							
12-00	94	106	114	115	113								
06-01	75	75	82	80									
12-01	77	103	119										
06-02	57	64											
12-02	82												

KPMG

Comprehensive (Nova Scotia)
Gross Basis
Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	22,720	25,571	25,694	25,702	25,700	25,700	25,694	25,692	25,691	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689
06-91	19,432	23,463	23,567	23,578	23,580	23,579	23,578	23,580	23,578	23,578	23,578	23,578	23,578	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	
12-91	21,142	23,864	23,989	23,993	23,992	23,994	23,995	23,994	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992		
06-92	18,690	21,548	21,637	21,643	21,644	21,646	21,648	21,650	21,650	21,649	21,648	21,648	21,648	21,652	21,652	21,652	21,652	21,652	21,652	21,652	21,652	21,652			
12-92	17,446	19,629	19,772	19,776	19,777	19,775	19,776	19,775	19,775	19,775	19,776	19,776	19,776	19,776	19,776	19,777	19,777	19,776	19,776	19,776	19,776				
06-93	16,139	19,186	19,286	19,296	19,298	19,299	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302					
12-93	17,546	19,626	19,758	19,762	19,768	19,768	19,768	19,769	19,771	19,771	19,771	19,771	19,771	19,772	19,772	19,772	19,772	19,772	19,772						
06-94	14,100	16,668	16,783	16,789	16,795	16,796	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798							
12-94	14,013	16,068	16,173	16,182	16,179	16,181	16,182	16,184	16,184	16,184	16,184	16,184	16,184	16,184	16,184	16,184	16,184								
06-95	12,667	15,004	15,095	15,102	15,103	15,106	15,106	15,107	15,107	15,107	15,107	15,107	15,107	15,107	15,107	15,107									
12-95	12,215	14,033	14,137	14,138	14,144	14,143	14,143	14,144	14,145	14,146	14,146	14,146	14,146	14,146	14,146										
06-96	10,814	13,015	13,092	13,103	13,105	13,109	13,108	13,106	13,107	13,108	13,106	13,106	13,106	13,106											
12-96	11,722	13,325	13,435	13,443	13,443	13,444	13,443	13,442	13,442	13,442	13,443	13,444	13,442												
06-97	11,062	13,803	13,909	13,920	13,923	13,922	13,921	13,921	13,921	13,921	13,921	13,921													
12-97	12,316	14,230	14,374	14,391	14,392	14,389	14,390	14,389	14,390	14,390	14,390														
06-98	11,083	13,470	13,679	13,706	13,708	13,711	13,712	13,711	13,711	13,711															
12-98	10,956	13,195	13,366	13,408	13,414	13,415	13,416	13,416	13,415																
06-99	11,103	13,856	14,071	14,087	14,104	14,111	14,113	14,115																	
12-99	12,256	14,377	14,549	14,563	14,580	14,589	14,590																		
06-00	11,059	14,073	14,195	14,208	14,214	14,215																			
12-00	12,076	14,199	14,333	14,346	14,349																				
06-01	11,480	14,055	14,172	14,175																					
12-01	11,079	12,740	12,844																						
06-02	9,650	11,764																							
12-02	9,085																								

KPMG

Uninsured Motorist (Atlantics)

Gross Basis

Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	13	17	17	18	18	18	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18	18	18
06-91	16	24	24	24	24	25	25	26	25	26	26	24	24	24	24	24	24	24	24	24	24	24	24	24	
12-91	40	35	34	33	35	36	35	34	34	34	35	35	35	34	34	34	34	34	34	34	34	34	34		
06-92	38	38	40	44	46	46	46	46	46	45	45	45	45	45	45	44	43	43	43	43	43	43			
12-92	57	64	66	65	61	56	55	53	54	54	54	54	54	54	54	54	54	54	54	54	54				
06-93	55	67	65	71	71	69	68	68	68	68	67	67	67	67	67	67	67	67	67	67					
12-93	56	62	68	64	66	65	63	65	66	65	65	65	66	66	67	67	65	65	65						
06-94	61	70	68	71	73	70	56	54	53	53	53	53	55	55	55	55	55	55							
12-94	123	179	184	192	193	192	190	193	186	184	180	176	172	170	170	173	173								
06-95	131	151	154	151	152	144	147	147	149	147	145	145	145	145	145	144									
12-95	135	181	182	176	178	176	174	174	173	171	170	169	169	169	169										
06-96	144	160	159	161	160	157	155	155	156	152	153	153	152	153											
12-96	249	286	275	269	266	268	267	267	264	261	263	265	267												
06-97	244	275	270	269	273	269	260	261	259	259	257	257													
12-97	282	302	292	309	299	297	296	292	287	288	289														
06-98	178	202	201	201	199	197	191	191	190	192															
12-98	242	267	265	272	273	268	269	262	262																
06-99	229	264	270	271	281	281	280	281																	
12-99	277	314	310	313	305	312	305																		
06-00	231	250	256	230	236	233																			
12-00	250	281	282	283	283																				
06-01	254	253	269	271																					
12-01	235	265	291																						
06-02	192	203																							
12-02	238																								

Uninsured Motorist (Atlantics)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.308	1.000	1.059	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.056	0.947	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.500	1.000	1.000	1.000	1.042	1.000	1.040	0.962	1.040	1.000	0.923	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	0.875	0.971	0.971	1.061	1.029	0.972	0.971	1.000	1.000	1.029	1.000	1.000	0.971	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	1.000	1.053	1.100	1.045	1.000	1.000	1.000	1.000	0.978	1.000	1.000	1.000	1.000	1.000	0.978	0.977	1.000	1.000	1.000	1.000	1.000				
12-92	1.123	1.031	0.985	0.938	0.918	0.982	0.964	1.019	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	1.218	0.970	1.092	1.000	0.972	0.986	1.000	1.000	1.000	0.985	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.107	1.097	0.941	1.031	0.985	0.969	1.032	1.015	0.985	1.000	1.000	1.015	1.000	1.015	1.000	0.970	1.000	1.000							
06-94	1.148	0.971	1.044	1.028	0.959	0.800	0.964	0.981	1.000	1.000	1.000	1.038	1.000	1.000	1.000	1.000	1.000								
12-94	1.455	1.028	1.043	1.005	0.995	0.990	1.016	0.964	0.989	0.978	0.978	0.977	0.988	1.000	1.018	1.000									
06-95	1.153	1.020	0.981	1.007	0.947	1.021	1.000	1.014	0.987	0.986	1.000	1.000	1.000	1.000	0.993										
12-95	1.341	1.006	0.967	1.011	0.989	0.989	1.000	0.994	0.988	0.994	0.994	1.000	1.000	1.000											
06-96	1.111	0.994	1.013	0.994	0.981	0.987	1.000	1.006	0.974	1.007	1.000	0.993	1.007												
12-96	1.149	0.962	0.978	0.989	1.008	0.996	1.000	0.989	0.989	1.008	1.008	1.008													
06-97	1.127	0.982	0.996	1.015	0.985	0.967	1.004	0.992	1.000	0.992	1.000														
12-97	1.071	0.967	1.058	0.968	0.993	0.997	0.986	0.983	1.003	1.003															
06-98	1.135	0.995	1.000	0.990	0.990	0.970	1.000	0.995	1.011																
12-98	1.103	0.993	1.026	1.004	0.982	1.004	0.974	1.000																	
06-99	1.153	1.023	1.004	1.037	1.000	0.996	1.004																		
12-99	1.134	0.987	1.010	0.974	1.023	0.978																			
06-00	1.082	1.024	0.898	1.026	0.987																				
12-00	1.124	1.004	1.004	1.000																					
06-01	0.996	1.063	1.007																						
12-01	1.128	1.098																							
06-02	1.057																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.122	1.008	0.999	1.003	0.987	0.975	0.996	0.997	0.993	0.999	0.993	1.002	0.997	1.001	1.004	0.988	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.098	1.014	0.998	1.000	0.994	0.990	0.998	0.992	0.993	0.995	0.998	1.003	0.997	1.002	1.004	0.988	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.087	1.033	0.992	1.005	0.996	0.985	0.995	0.994	0.994	0.998	0.997	1.003	0.999	1.003	1.002	0.991	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.104	1.009	1.003	0.999	0.992	0.990	0.999	0.993	0.993	0.996	0.999	1.002	0.999	1.000	1.001	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.115	1.007	1.000	1.001	0.992	0.984	0.997	0.993	0.994	0.997	0.997	1.000	0.998	1.001	1.003	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.097	1.012	0.999	0.999	0.995	0.989	0.997	0.991	0.994	0.996	0.998	1.000	0.998	1.001	1.003	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.088	1.031	0.993	1.004	0.997	0.986	0.994	0.993	0.995	0.999	0.997	0.999	0.999	1.001	1.004	0.993	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.121	1.024	1.002	1.002	0.995	0.988	0.995	0.994	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.120	0.999	0.976	0.974	0.972	0.977	0.989	0.994	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.097	1.012	1.003	0.999	0.992	0.990	0.999	0.993	0.993	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.071	0.976	0.964	0.962	0.963	0.970	0.980	0.981	0.988	0.995	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.934	1.025	1.037	1.040	1.039	1.031	1.020	1.019	1.012	1.005	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	255	198	281	261	272	226	299	276	259	191	289	257	267	153	169	144	173	55	65	67	54	43	34	24	18

Underinsured Motorist (Nova Scotia)
Gross Basis
Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	24	29	297	303	285	305	420	629	694	648	398	399	441	431	441	441	441	441	441	441	441	441	441	441	441
06-91	15	25	254	359	429	454	436	506	628	503	503	503	503	503	402	402	402	402	402	402	402	402	402	402	
12-91	1	51	76	1	1	80	190	130	118	118	118	118	118	168	258	258	258	258	258	258	258	125	125		
06-92	354	524	172	472	596	626	640	540	526	536	512	512	600	595	523	518	518	518	518	518	518	518			
12-92	0	131	102	168	180	190	226	192	174	310	235	233	257	216	216	216	216	216	216	216	216				
06-93	0	52	180	171	267	245	176	267	267	297	297	297	271	271	271	271	271	271	271	271					
12-93	0	201	377	390	398	300	290	296	345	416	337	298	26	26	26	26	26	26	26						
06-94	500	608	740	419	533	705	752	1,032	1,076	1,098	1,153	1,514	1,598	1,398	1,391	1,382	1,382	1,382							
12-94	830	1,679	1,433	1,499	1,506	1,503	1,396	1,316	1,242	1,242	1,233	1,233	1,208	1,208	1,208	1,208	1,208								
06-95	5	42	42	52	52	89	83	83	91	544	493	252	148	118	207	291									
12-95	35	40	67	89	302	312	460	458	205	314	288	274	713	728	727										
06-96	1	1	12	51	740	663	671	608	598	598	484	484	494	434											
12-96	768	796	165	790	195	422	462	494	468	484	509	748	690												
06-97	21	271	429	636	547	594	511	523	580	627	397	464													
12-97	29	93	107	125	100	100	110	59	34	76	76														
06-98	0	0	601	501	501	511	511	501	517	566															
12-98	75	72	205	252	258	267	188	416	435																
06-99	5	8	19	18	74	166	448	442																	
12-99	451	339	347	319	335	402	434																		
06-00	81	65	1,218	1,372	924	595																			
12-00	830	872	1,051	697	786																				
06-01	341	353	576	609																					
12-01	0	8	295																						
06-02	42	40																							
12-02	148																								

Underinsured Motorist (Nova Scotia)

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.235	10.150	1.021	0.939	1.070	1.380	1.497	1.103	0.934	0.615	1.003	1.105	0.977	1.023	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.667	10.163	1.412	1.195	1.058	0.961	1.161	1.240	0.802	1.000	1.000	1.000	1.000	0.798	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	40.463	1.488	0.017	1.000	63.391	2.368	0.685	0.908	1.000	1.000	1.000	1.000	1.423	1.535	1.000	1.000	1.000	1.000	1.000	1.001	0.482	1.000			
06-92	1.480	0.328	2.745	1.264	1.050	1.021	0.844	0.973	1.019	0.956	1.000	1.172	0.992	0.879	0.990	1.000	1.000	1.000	1.000	1.000	1.000				
12-92		0.777	1.645	1.071	1.055	1.192	0.849	0.907	1.779	0.759	0.991	1.102	0.839	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	765.706	3.458	0.948	1.565	0.919	0.719	1.514	1.001	1.112	1.000	1.000	0.912	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93		1.874	1.036	1.020	0.755	0.967	1.020	1.164	1.207	0.810	0.884	0.087	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.216	1.217	0.567	1.271	1.323	1.067	1.372	1.043	1.021	1.050	1.313	1.055	0.875	0.995	0.994	1.000	1.000								
12-94	2.022	0.853	1.046	1.005	0.998	0.929	0.942	0.944	0.999	0.993	1.000	0.980	1.000	1.000	1.000	1.000									
06-95	7.749	1.000	1.237	1.000	1.707	0.933	1.000	1.092	6.003	0.905	0.513	0.584	0.802	1.747	1.410										
12-95	1.163	1.670	1.329	3.387	1.033	1.474	0.997	0.448	1.529	0.920	0.948	2.606	1.021	0.998											
06-96	1.333	12.200	4.143	14.647	0.895	1.012	0.907	0.984	1.000	0.809	1.000	1.021	0.878												
12-96	1.037	0.208	4.778	0.247	2.157	1.095	1.071	0.947	1.034	1.052	1.470	0.922													
06-97	12.678	1.583	1.483	0.861	1.085	0.860	1.024	1.109	1.080	0.634	1.169														
12-97	3.166	1.151	1.164	0.804	1.000	1.100	0.535	0.576	2.246	1.000															
06-98	1.000	1720.857	0.833	1.000	1.020	1.000	0.980	1.032	1.096																
12-98	0.954	2.858	1.230	1.025	1.033	0.703	2.216	1.045																	
06-99	1.498	2.330	0.960	4.105	2.241	2.694	0.985																		
12-99	0.753	1.022	0.920	1.050	1.198	1.081																			
06-00	0.803	18.669	1.126	0.674	0.644																				
12-00	1.051	1.205	0.663	1.129																					
06-01	1.034	1.633	1.057																						
12-01		35.857																							
06-02	0.952																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	2.109	128.732	1.569	2.300	1.221	1.117	1.101	0.947	1.580	0.920	1.021	1.042	0.984	1.089	1.039	1.000	1.000	1.000	1.000	1.000	0.871	1.000	1.000	1.000	
Latest 10	1.246	178.716	1.421	2.554	1.231	1.195	1.066	0.922	1.722	0.917	1.029	1.044	0.983	1.095	1.039	1.000	1.000	1.000	1.000	1.000	0.871	1.000	1.000	1.000	
Latest 6	0.918	10.119	0.993	1.497	1.189	1.240	1.135	0.949	1.331	0.886	1.017	1.195	0.929	1.123	1.067	1.000	1.000	1.000	1.000	1.000	0.871	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.042	8.161	1.097	1.331	1.178	1.069	0.988	0.958	1.277	0.936	1.038	0.969	0.951	1.051	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.101	1.734	1.117	1.005	1.025	1.034	1.064	0.966	1.158	0.926	1.053	1.029	0.956	1.001	1.014	1.000	1.000	1.000	1.000	1.000	0.917	1.000	1.000	1.000	
Latest 10	0.993	2.328	1.127	0.938	1.013	1.100	1.012	0.956	1.157	0.925	1.068	1.027	0.950	0.999	1.014	1.000	1.000	1.000	1.000	1.000	0.917	1.000	1.000	1.000	
Latest 6	0.956	2.130	0.956	0.912	0.931	1.079	1.092	1.012	1.109	0.850	1.015	1.077	0.935	1.021	1.023	1.000	1.000	1.000	1.000	1.000	0.917	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.816	1.415	1.172	1.223	1.025	1.145	1.063	1.071	1.087	0.993	1.047	1.048	1.014	0.977	1.049	0.999	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	6.094	3.355	2.371	2.023	1.654	1.614	1.410	1.326	1.238	1.139	1.147	1.095	1.045	1.031	1.055	1.006	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.857	1.415	1.086	1.120	1.050	1.162	1.096	1.052	1.254	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	5.638	3.036	2.146	1.976	1.764	1.680	1.446	1.319	1.254	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.177	0.329	0.466	0.506	0.567	0.595	0.692	0.758	0.797	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	833	121	633	1,204	1,387	1,000	627	583	545	566	76	464	690	434	727	291	1,208	1,382	26	271	216	518	125	402	441

Appendix B
Sheet 5c

Underinsured Motorist (Atlantics)

Gross Basis

Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	189	299	887	944	1,203	1,451	1,393	1,860	2,022	1,769	1,573	1,602	2,201	2,197	2,377	2,227	2,577	2,598	2,362	2,363	2,363	2,363	2,363	2,363	2,363
06-91	27	72	317	488	589	669	724	1,106	1,328	1,402	1,417	1,442	1,463	1,463	1,371	1,392	1,339	1,341	1,341	1,341	1,341	1,341	1,341	1,341	
12-91	14	188	223	250	287	398	481	540	694	664	679	823	887	1,024	1,198	1,193	872	870	817	817	817	684	684		
06-92	381	696	544	1,177	1,403	1,419	1,399	1,301	1,255	1,291	1,282	1,291	1,379	1,374	1,303	1,299	1,299	1,299	1,299	1,299	1,299	1,299			
12-92	60	192	198	225	742	734	945	1,177	1,475	1,526	1,436	1,147	1,621	1,506	1,507	1,507	1,507	1,507	1,507	1,507	1,507				
06-93	0	363	622	713	1,062	1,294	1,250	1,477	1,579	1,583	1,438	1,355	1,299	1,299	1,329	1,329	1,303	1,301	1,300	1,300					
12-93	223	426	764	844	1,162	1,225	1,747	1,077	876	674	637	604	333	326	326	326	326	326	326						
06-94	522	666	1,063	1,180	1,584	1,858	1,863	2,139	2,158	2,258	2,382	2,743	2,827	2,552	2,571	2,563	2,054	2,054							
12-94	836	1,712	1,494	1,894	2,913	2,898	3,204	3,130	3,061	3,050	3,036	3,213	3,425	3,441	3,083	3,411	3,421								
06-95	15	89	276	504	606	686	514	617	621	1,072	1,030	832	913	844	1,038	1,579									
12-95	78	147	396	143	381	386	628	627	674	947	915	900	1,305	1,322	1,320										
06-96	11	417	449	615	1,406	1,332	1,347	1,407	1,672	1,850	1,884	1,841	2,101	2,270											
12-96	835	828	263	878	358	648	644	718	1,001	1,405	1,299	1,716	1,517												
06-97	67	309	508	789	794	916	1,194	1,364	1,406	1,817	1,723	1,791													
12-97	114	168	190	455	484	460	1,268	1,198	774	1,411	1,624														
06-98	174	571	1,252	1,559	1,983	1,969	1,840	2,214	2,241	2,358															
12-98	519	1,167	1,316	373	1,251	1,214	894	1,380	1,948																
06-99	171	253	258	323	411	555	850	920																	
12-99	1,246	1,884	1,882	1,872	1,706	1,807	2,413																		
06-00	213	194	1,448	1,627	1,426	1,420																			
12-00	976	1,810	1,720	1,817	1,724																				
06-01	342	1,096	1,366	1,384																					
12-01	41	71	707																						
06-02	372	523																							
12-02	178																								

Underinsured Motorist (Atlantics)

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.586	2.965	1.063	1.275	1.207	0.960	1.336	1.087	0.874	0.890	1.018	1.374	0.998	1.082	0.937	1.157	1.008	0.909	1.001	1.000	1.000	1.000	1.000	1.000	
06-91	2.658	4.403	1.541	1.206	1.137	1.081	1.527	1.201	1.055	1.011	1.017	1.015	1.000	0.937	1.015	0.962	1.002	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	13.233	1.186	1.123	1.145	1.388	1.209	1.122	1.285	0.957	1.023	1.213	1.078	1.154	1.170	0.995	0.731	0.998	0.939	1.000	1.000	0.836	1.000			
06-92	1.829	0.781	2.164	1.192	1.011	0.986	0.930	0.965	1.028	0.993	1.007	1.068	0.996	0.949	0.997	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	3.181	1.030	1.138	3.292	0.990	1.288	1.245	1.253	1.035	0.941	0.799	1.413	0.929	1.001	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	931.010	1.713	1.146	1.489	1.219	0.966	1.182	1.069	1.003	0.908	0.943	0.959	1.000	1.023	1.000	0.980	0.998	0.999	1.000						
12-93	1.907	1.794	1.105	1.377	1.053	1.426	0.617	0.813	0.769	0.946	0.948	0.551	0.980	1.000	1.000	1.000	1.000	1.000							
06-94	1.275	1.598	1.110	1.342	1.173	1.003	1.148	1.009	1.046	1.055	1.152	1.031	0.903	1.008	0.997	0.801	1.000								
12-94	2.048	0.873	1.267	1.539	0.995	1.106	0.977	0.978	0.996	0.996	1.058	1.066	1.004	0.896	1.107	1.003									
06-95	5.950	3.096	1.827	1.202	1.133	0.749	1.200	1.007	1.725	0.962	0.807	1.097	0.924	1.230	1.522										
12-95	1.880	2.687	0.361	2.663	1.015	1.626	0.998	1.075	1.406	0.965	0.984	1.451	1.013	0.999											
06-96	39.669	1.079	1.368	2.288	0.947	1.012	1.045	1.188	1.106	1.019	0.977	1.141	1.081												
12-96	0.991	0.317	3.343	0.408	1.812	0.992	1.115	1.394	1.404	0.925	1.321	0.884													
06-97	4.606	1.644	1.553	1.006	1.153	1.304	1.142	1.031	1.293	0.948	1.039														
12-97	1.469	1.131	2.395	1.063	0.950	2.759	0.945	0.646	1.823	1.151															
06-98	3.288	2.192	1.245	1.271	0.993	0.934	1.204	1.012	1.052																
12-98	2.251	1.127	0.283	3.359	0.971	0.736	1.544	1.412																	
06-99	1.477	1.022	1.253	1.270	1.352	1.531	1.083																		
12-99	1.513	0.999	0.995	0.912	1.059	1.336																			
06-00	0.911	7.470	1.124	0.876	0.996																				
12-00	1.855	0.950	1.057	0.949																					
06-01	3.201	1.246	1.013																						
12-01	1.728	10.008																							
06-02	1.407																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	4.732	2.498	1.363	1.439	1.114	1.249	1.103	1.061	1.189	0.989	1.020	1.087	0.999	1.027	1.057	0.959	1.001	0.978	1.000	1.000	0.959	1.000	1.000	1.000	
Latest 10	1.910	2.779	1.426	1.340	1.125	1.298	1.125	1.075	1.262	0.987	1.003	1.066	0.998	1.021	1.057	0.959	1.001	0.978	1.000	1.000	0.959	1.000	1.000	1.000	
Latest 6	1.769	3.616	0.954	1.440	1.053	1.433	1.172	1.114	1.347	0.995	1.031	1.112	0.984	1.026	1.104	0.964	0.999	0.990	1.000	1.000	0.959	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.862	2.104	1.329	1.204	1.061	1.186	1.095	1.087	1.254	0.977	0.988	1.082	0.991	1.011	1.014	0.964	1.000	0.988	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.830	1.336	1.110	1.214	1.055	1.140	1.069	1.046	1.124	0.992	1.027	1.090	0.993	1.004	1.045	0.964	1.002	0.969	1.000	1.000	0.977	1.000	1.000	1.000	
Latest 10	1.857	1.415	1.086	1.120	1.050	1.162	1.096	1.052	1.163	0.994	1.023	1.069	0.992	0.993	1.045	0.964	1.002	0.969	1.000	1.000	0.977	1.000	1.000	1.000	
Latest 6	1.749	1.391	0.926	1.123	1.023	1.222	1.165	1.092	1.260	0.997	1.041	1.075	0.986	0.988	1.087	0.950	0.999	0.992	1.000	1.000	0.977	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.816	1.415	1.172	1.223	1.025	1.145	1.063	1.071	1.087	0.993	1.047	1.048	1.014	0.977	1.049	0.999	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	6.094	3.355	2.371	2.023	1.654	1.614	1.410	1.326	1.238	1.139	1.147	1.095	1.045	1.031	1.055	1.006	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.857	1.415	1.086	1.120	1.050	1.162	1.096	1.052	1.254	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	5.638	3.036	2.146	1.976	1.764	1.680	1.446	1.319	1.254	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.177	0.329	0.466	0.506	0.567	0.595	0.692	0.758	0.797	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	1,002	1,589	1,517	2,734	3,041	2,385	3,489	1,214	2,443	2,358	1,624	1,791	1,517	2,270	1,320	1,579	3,421	2,054	326	1,300	1,507	1,299	684	1,341	2,363

KPMG

Underinsured Motorist (Nova Scotia)
Gross Basis
Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	1	2	3	4	3	4	4	7	11	8	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
06-91	0	1	4	4	5	5	5	6	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	
12-91	1	2	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2		
06-92	2	4	3	4	8	8	8	6	5	5	4	4	5	6	5	4	4	4	4	4	4	4			
12-92	0	3	5	6	6	7	7	4	4	4	4	3	4	3	3	3	3	3	3	3	3				
06-93	1	3	4	3	4	6	5	3	4	4	4	4	3	3	3	3	3	3	3	3					
12-93	0	2	3	2	4	2	1	3	3	3	2	1	0	0	0	0	0	0	0						
06-94	1	4	7	5	6	10	11	10	11	9	9	10	13	9	9	8	8	8							
12-94	2	3	5	6	7	7	11	9	7	7	7	7	6	6	6	6	6								
06-95	0	2	2	4	5	5	5	5	5	5	1	2	3	2	2	3									
12-95	2	3	3	3	4	4	7	8	4	6	4	3	3	3	2										
06-96	1	1	2	5	8	6	6	3	2	2	3	3	3	2											
12-96	7	7	5	4	4	6	7	9	7	6	7	8	6												
06-97	3	4	5	6	7	10	12	9	9	8	8	7													
12-97	5	9	7	7	6	6	7	6	5	5	5														
06-98	0	0	1	0	0	1	1	2	1	2															
12-98	4	3	11	11	11	10	4	11	6																
06-99	2	4	5	5	8	8	8	8																	
12-99	8	3	3	3	5	6	5																		
06-00	4	3	9	9	11	9																			
12-00	4	6	6	9	12																				
06-01	4	4	7	7																					
12-01	0	2	10																						
06-02	10	9																							
12-02	8																								

Underinsured Motorist (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	2.000	1.500	1.333	0.750	1.333	1.000	1.750	1.571	0.727	0.750	1.000	1.167	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91		4.000	1.000	1.250	1.000	1.000	1.200	0.833	1.000	1.000	1.000	1.000	1.000	0.400	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	2.000	1.000	0.500	1.000	2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.500	1.000	1.000	1.000	1.000	1.000	1.000	0.667	1.000	1.000			
06-92	2.000	0.750	1.333	2.000	1.000	1.000	0.750	0.813	1.000	0.800	1.000	1.250	1.200	0.833	0.800	1.000	1.000	1.000	1.000	1.000	1.000				
12-92		1.667	1.200	1.000	1.167	1.000	0.571	1.000	1.000	1.000	0.750	1.333	0.750	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	3.000	1.333	0.750	1.333	1.500	0.833	0.600	1.333	1.000	1.000	1.000	0.750	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93		1.500	0.667	2.000	0.500	0.500	3.000	1.000	1.000	0.667	0.500	0.000													
06-94	4.000	1.750	0.714	1.200	1.667	1.100	0.909	1.100	0.818	1.000	1.111	1.300	0.692	1.000	0.889	1.000	1.000								
12-94	1.500	1.667	1.200	1.167	1.000	1.571	0.818	0.778	1.000	1.000	1.000	0.857	1.000	1.000	1.000	1.000									
06-95		1.000	2.000	1.250	1.000	1.000	1.000	1.000	1.000	0.200	2.000	1.500	0.667	1.000	1.500										
12-95	1.500	1.000	1.000	1.333	1.000	1.750	1.143	0.500	1.500	0.667	0.750	1.000	1.000	0.667											
06-96	1.000	2.000	2.500	1.600	0.750	1.000	0.500	0.667	1.000	1.500	1.000	1.000	0.667												
12-96	1.000	0.714	0.800	1.000	1.500	1.167	1.286	0.778	0.857	1.167	1.143	0.750													
06-97	1.333	1.250	1.200	1.167	1.429	1.200	0.750	1.000	0.889	1.000	0.875														
12-97	1.800	0.778	1.000	0.857	1.000	1.167	0.857	0.833	1.000	1.000															
06-98			0.000			1.000	2.000	0.500	2.000																
12-98	0.750	3.667	1.000	1.000	0.909	0.400	2.750	0.545																	
06-99	2.000	1.250	1.000	1.600	1.000	1.000	1.000																		
12-99	0.375	1.000	1.000	1.667	1.200	0.833																			
06-00	0.750	3.000	1.000	1.222	0.818																				
12-00	1.500	1.000	1.500	1.333																					
06-01	1.000	1.750	1.000																						
12-01		5.000																							
06-02	0.900																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.159	1.801	1.157	1.261	1.059	1.037	1.227	0.848	1.076	0.929	1.009	0.993	0.952	0.890	1.021	1.000	1.000	1.000	1.000	0.933	1.000	1.000	1.000	1.000	
Latest 10	1.134	2.077	0.950	1.272	1.067	1.052	1.210	0.770	1.106	0.920	1.013	0.974	0.942	0.878	1.021	1.000	1.000	1.000	1.000	0.933	1.000	1.000	1.000	1.000	
Latest 6	0.905	2.167	1.083	1.364	0.985	0.933	1.440	0.721	1.208	0.922	1.128	1.068	0.805	0.933	1.078	1.000	1.000	1.000	1.000	0.933	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.117	1.845	1.000	1.275	1.051	1.046	1.107	0.763	1.031	0.938	0.954	1.030	0.901	0.929	0.984	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.037	1.471	1.113	1.221	1.035	1.034	0.978	0.830	0.986	0.915	0.985	1.034	0.907	0.894	0.975	1.000	1.000	1.000	1.000	0.947	1.000	1.000	1.000	1.000	
Latest 10	1.000	1.658	1.034	1.220	1.016	1.000	1.029	0.792	0.981	0.909	0.980	1.022	0.881	0.875	0.975	1.000	1.000	1.000	1.000	0.947	1.000	1.000	1.000	1.000	
Latest 6	0.833	1.818	1.073	1.270	0.951	0.902	1.154	0.750	1.036	0.875	1.000	1.030	0.786	0.957	1.000	1.000	1.000	1.000	1.000	0.947	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.214	1.317	1.120	1.220	1.040	1.068	0.997	0.986	0.939	0.956	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	2.140	1.763	1.339	1.196	0.980	0.942	0.882	0.885	0.898	0.956	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.207	1.441	1.113	1.280	1.047	1.044	1.033	0.950	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	2.658	2.202	1.528	1.373	1.073	1.025	0.981	0.950	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.376	0.454	0.654	0.728	0.932	0.976	1.019	1.053	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	21	20	15	10	13	9	5	8	6	2	5	7	6	2	2	3	6	8	0	3	3	4	2	2	7

Underinsured Motorist (Atlantics)
Gross Basis
Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	3	4	5	7	8	11	10	17	22	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16
06-91	2	4	6	9	10	13	14	17	19	17	17	15	15	15	12	12	12	12	12	12	12	12	12	12	
12-91	3	6	7	5	9	12	9	9	7	6	6	6	6	7	7	6	6	6	6	6	5	5	5		
06-92	5	9	7	12	20	18	18	15	15	13	12	12	12	13	12	11	11	11	11	11	11	11			
12-92	3	7	10	9	12	14	17	15	13	12	12	10	14	11	11	11	11	11	11	11	11				
06-93	2	6	12	11	11	13	13	10	12	12	12	11	9	9	10	10	11	10	9	9					
12-93	3	5	8	9	12	9	8	7	7	4	4	4	3	1	1	1	1	1	1						
06-94	2	7	13	13	17	21	25	22	22	19	17	18	21	16	17	15	15	15							
12-94	4	9	12	15	18	16	24	22	21	19	18	17	17	17	16	17	18								
06-95	5	9	13	17	17	18	19	20	19	18	15	16	17	16	16	17									
12-95	11	11	11	10	13	12	14	15	11	14	11	9	10	9	8										
06-96	3	6	7	12	16	16	17	16	16	16	15	15	15	14											
12-96	12	11	12	10	10	13	12	14	15	14	16	18	16												
06-97	5	5	8	12	18	21	22	20	20	18	19	16													
12-97	9	11	11	15	15	18	18	16	14	16	16														
06-98	3	8	9	10	12	13	12	14	12	12															
12-98	8	10	18	18	24	22	14	22	18																
06-99	8	13	13	13	20	19	23	24																	
12-99	14	12	11	11	15	17	20																		
06-00	7	6	15	15	21	19																			
12-00	9	10	11	18	20																				
06-01	6	10	14	13																					
12-01	4	4	14																						
06-02	13	12																							
12-02	9																								

KPMG

Underinsured Motorist (Atlantics)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.333	1.250	1.400	1.143	1.375	0.909	1.700	1.294	0.773	1.000	1.000	0.941	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	2.000	1.500	1.500	1.111	1.300	1.077	1.214	1.118	0.895	1.000	0.882	1.000	1.000	0.800	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	2.000	1.167	0.714	1.800	1.333	0.750	1.000	0.778	0.857	1.000	1.000	1.000	1.167	1.000	0.857	1.000	1.000	1.000	1.000	0.833	1.000	1.000			
06-92	1.800	0.778	1.714	1.667	0.900	1.000	0.833	1.000	0.867	0.923	1.000	1.000	1.083	0.923	0.917	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	2.333	1.429	0.900	1.333	1.167	1.214	0.882	0.867	0.923	1.000	0.833	1.400	0.786	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	3.000	2.000	0.917	1.000	1.182	1.000	0.769	1.200	1.000	1.000	0.917	0.818	1.000	1.111	1.000	1.100	0.909	0.900	1.000						
12-93	1.667	1.600	1.125	1.333	0.750	0.889	0.875	1.000	0.571	1.000	1.000	0.750	0.333	1.000	1.000	1.000	1.000	1.000							
06-94	3.500	1.857	1.000	1.308	1.235	1.190	0.880	1.000	0.864	0.895	1.059	1.167	0.762	1.063	0.882	1.000	1.000								
12-94	2.250	1.333	1.250	1.200	0.889	1.500	0.917	0.955	0.905	0.947	0.944	1.000	1.000	0.941	1.063	1.059									
06-95	1.800	1.444	1.308	1.000	1.059	1.056	1.053	0.950	0.947	0.833	1.067	1.063	0.941	1.000	1.063										
12-95	1.000	1.000	0.909	1.300	0.923	1.167	1.071	0.733	1.273	0.786	0.818	1.111	0.900	0.889											
06-96	2.000	1.167	1.714	1.333	1.000	1.063	0.941	1.000	1.000	0.938	1.000	1.000	0.933												
12-96	0.917	1.091	0.833	1.000	1.300	0.923	1.167	1.071	0.933	1.143	1.125	0.889													
06-97	1.000	1.600	1.500	1.500	1.167	1.048	0.909	1.000	0.900	1.056	0.842														
12-97	1.222	1.000	1.364	1.000	1.200	1.000	0.889	0.875	1.143	1.000															
06-98	2.667	1.125	1.111	1.200	1.083	0.923	1.167	0.857	1.000																
12-98	1.250	1.800	1.000	1.333	0.917	0.636	1.571	0.818																	
06-99	1.625	1.000	1.000	1.538	0.950	1.211	1.043																		
12-99	0.857	0.917	1.000	1.364	1.133	1.176																			
06-00	0.857	2.500	1.000	1.400	0.905																				
12-00	1.111	1.100	1.636	1.111																					
06-01	1.667	1.400	0.929																						
12-01	1.000	3.500																							
06-02	0.923																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.293	1.475	1.182	1.256	1.036	1.056	1.010	0.952	0.942	0.966	0.963	1.011	0.909	0.975	0.978	1.018	0.989	0.986	1.000	0.967	1.000	1.000	1.000	1.000	
Latest 10	1.318	1.594	1.137	1.278	1.058	1.020	1.073	0.926	0.954	0.960	0.961	1.020	0.891	0.973	0.978	1.018	0.989	0.986	1.000	0.967	1.000	1.000	1.000	1.000	
Latest 6	1.069	1.736	1.094	1.324	1.031	0.999	1.124	0.937	1.041	0.959	0.966	1.038	0.812	1.001	1.001	1.026	0.985	0.983	1.000	0.967	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.207	1.441	1.113	1.280	1.047	1.044	1.033	0.932	0.961	0.959	0.958	1.006	0.926	0.977	0.983	1.008	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.152	1.325	1.145	1.249	1.026	1.057	0.996	0.943	0.946	0.960	0.963	1.018	0.929	0.969	0.983	1.020	0.988	0.985	1.000	0.982	1.000	1.000	1.000	1.000	
Latest 10	1.185	1.393	1.107	1.276	1.037	1.012	1.046	0.928	0.955	0.953	0.964	1.031	0.911	0.965	0.983	1.020	0.988	0.985	1.000	0.982	1.000	1.000	1.000	1.000	
Latest 6	1.019	1.418	1.073	1.318	1.009	0.991	1.089	0.931	1.023	0.958	0.968	1.032	0.880	1.000	1.000	1.031	0.982	0.980	1.000	0.982	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.214	1.317	1.120	1.220	1.040	1.068	0.997	0.986	0.939	0.956	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	2.140	1.763	1.339	1.196	0.980	0.942	0.882	0.885	0.898	0.956	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.207	1.441	1.113	1.280	1.047	1.044	1.033	0.950	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	2.658	2.202	1.528	1.373	1.073	1.025	0.981	0.950	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.376	0.454	0.654	0.728	0.932	0.976	1.019	1.053	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	24	26	21	18	21	19	20	23	18	12	16	16	16	14	8	17	18	15	1	9	11	11	5	12	16

Collision (Nova Scotia)
Gross Basis
Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	20,826	18,862	18,650	18,493	18,422	18,405	18,393	18,389	18,392	18,373	18,370	18,364	18,364	18,364	18,363	18,363	18,363	18,363	18,364	18,363	18,363	18,363	18,363	18,362	18,362
06-91	20,711	19,442	19,078	19,018	18,972	18,978	18,946	18,940	18,902	18,908	18,916	18,916	18,908	18,910	18,910	18,901	18,901	18,902	18,902	18,902	18,902	18,902	18,902	18,902	
12-91	21,176	19,350	18,926	18,817	18,816	18,767	18,781	18,784	18,758	18,760	18,764	18,770	18,759	18,759	18,759	18,759	18,753	18,753	18,753	18,753	18,753	18,753	18,753		
06-92	18,827	17,289	17,005	16,954	16,934	16,911	16,912	16,896	16,890	16,873	16,871	16,871	16,871	16,870	16,870	16,870	16,870	16,870	16,868	16,868	16,867	16,867			
12-92	19,113	17,028	16,698	16,898	16,880	16,468	16,450	16,448	16,442	16,428	16,428	16,425	16,424	16,424	16,424	16,423	16,423	16,423	16,423	16,423	16,423				
06-93	16,891	14,956	14,636	14,568	14,545	14,539	14,539	14,532	14,541	14,538	14,533	14,533	14,528	14,527	14,519	14,518	14,518	14,518	14,517	14,517					
12-93	16,882	14,992	14,658	14,573	14,553	14,527	14,487	14,473	14,457	14,453	14,452	14,448	14,448	14,447	14,447	14,445	14,445	14,449	14,443						
06-94	15,220	13,648	13,310	13,205	13,174	13,166	13,147	13,142	13,144	13,139	13,139	13,138	13,124	13,123	13,123	13,123	13,123	13,123							
12-94	16,765	14,694	14,385	14,257	14,232	14,213	14,193	14,187	14,188	14,180	14,179	14,176	14,176	14,176	14,176	14,175	14,175								
06-95	15,332	14,026	13,802	13,674	13,607	13,606	13,604	13,602	13,597	13,599	13,597	13,596	13,596	13,599	13,599	13,599									
12-95	16,521	14,796	14,574	14,475	14,360	14,353	14,347	14,338	14,339	14,321	14,318	14,318	14,316	14,312	14,312										
06-96	15,306	14,164	13,905	13,856	13,846	13,842	13,827	13,827	13,831	13,830	13,826	13,826	13,825	13,826											
12-96	16,041	14,091	13,755	13,639	13,611	13,608	13,597	13,595	13,590	13,588	13,587	13,585	13,584												
06-97	17,495	16,084	15,776	15,746	15,681	15,655	15,658	15,628	15,609	15,607	15,625	15,606													
12-97	17,838	15,460	15,143	15,046	15,007	14,982	15,024	15,025	15,021	15,018	15,018														
06-98	15,587	13,365	13,058	12,967	12,915	12,909	12,901	12,903	12,902	12,904															
12-98	18,428	16,123	15,478	15,344	15,308	15,332	15,316	15,325	15,317																
06-99	18,969	16,056	15,536	15,428	15,424	15,414	15,497	15,400																	
12-99	19,651	17,415	16,950	16,734	16,615	16,592	16,583																		
06-00	19,451	17,072	16,372	16,148	16,031	16,015																			
12-00	24,706	22,079	21,027	20,726	20,621																				
06-01	21,362	18,232	17,565	17,393																					
12-01	22,014	19,938	19,409																						
06-02	18,946	17,023																							
12-02	21,717																								

Nova Scotia Private Passenger Auto Insurance

2003 Proposed Tort Reform

Collision (Nova Scotia)
Gross Basis
Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	0.906	0.989	0.992	0.996	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	0.939	0.981	0.997	0.998	1.000	0.998	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	0.914	0.978	0.994	1.000	0.997	1.001	1.000	0.999	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.918	0.984	0.997	0.999	0.999	1.000	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	0.891	0.981	1.012	0.999	0.976	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.885	0.979	0.995	0.998	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000						
12-93	0.888	0.978	0.994	0.999	0.998	0.997	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	0.897	0.975	0.992	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000								
12-94	0.876	0.979	0.991	0.998	0.999	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	0.915	0.984	0.991	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	0.896	0.985	0.993	0.992	1.000	1.000	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000											
06-96	0.925	0.982	0.997	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	0.878	0.976	0.992	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000													
_06-97	0.919	0.981	0.998	0.996	0.998	1.000	0.998	0.999	1.000	1.001	0.999														
12-97	0.867	0.979	0.994	0.997	0.998	1.003	1.000	1.000	1.000	1.000															
06-98	0.857	0.977	0.993	0.996	1.000	0.999	1.000	1.000	1.000																
12-98	0.875	0.960	0.991	0.998	1.002	0.999	1.001	0.999																	
06-99	0.846	0.968	0.993	1.000	0.999	1.005	0.994																		
12-99	0.886	0.973	0.987	0.993	0.999	0.999																			
06-00	0.878	0.959	0.986	0.993	0.999																				
12-00	0.894	0.952	0.986	0.995																					
06-01	0.853	0.963	0.990																						
12-01	0.906	0.973																							
06-02	0.899																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	0.884	0.972	0.992	0.996	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.876	0.969	0.991	0.996	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.886	0.965	0.989	0.996	0.999	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	0.876	0.969	0.991	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	0.884	0.971	0.991	0.996	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.877	0.968	0.991	0.996	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.886	0.965	0.989	0.996	0.999	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	0.890	0.966	0.990	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.847	0.952	0.985	0.995	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	0.890	0.965	0.989	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	0.846	0.951	0.985	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	1.182	1.052	1.015	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	18.372	16,182	19,119	17.323	20,621	16,015	16,583	15,400	15,317	12,904	15,018	15,606	13,584	13,826	14,312	13,599	14,175	13,123	14,443	14,517	16,423	16,867	18,753	18,902	18,362

Collision (Nova Scotia)

Gross Basis

Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	9,472	8,774	8,703	8,686	8,674	8,671	8,668	8,663	8,663	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660	8,660
06-91	8,301	7,998	7,936	7,919	7,906	7,900	7,899	7,900	7,900	7,900	7,899	7,899	7,898	7,898	7,898	7,899	7,899	7,899	7,899	7,899	7,899	7,899	7,899	7,899	
12-91	8,297	8,116	7,995	7,973	7,969	7,963	7,966	7,966	7,965	7,966	7,968	7,968	7,968	7,968	7,968	7,968	7,967	7,967	7,967	7,967	7,967	7,967	7,967		
06-92	7,801	7,461	7,382	7,365	7,358	7,355	7,353	7,353	7,353	7,354	7,354	7,354	7,354	7,354	7,354	7,354	7,354	7,354	7,354	7,354	7,354	7,354			
12-92	6,977	6,580	6,511	6,493	6,480	6,479	6,480	6,480	6,480	6,481	6,481	6,481	6,481	6,481	6,480	6,479	6,479	6,479	6,479	6,479	6,479				
06-93	6,652	6,283	6,220	6,208	6,204	6,205	6,201	6,200	6,200	6,200	6,199	6,199	6,199	6,199	6,198	6,197	6,197	6,197	6,197	6,197					
12-93	6,126	5,756	5,681	5,660	5,652	5,652	5,651	5,650	5,650	5,650	5,652	5,651	5,651	5,651	5,651	5,651	5,651	5,651	5,651						
06-94	5,607	5,316	5,248	5,223	5,218	5,213	5,213	5,213	5,214	5,214	5,214	5,214	5,214	5,214	5,214	5,214	5,214	5,214							
12-94	5,787	5,481	5,416	5,406	5,401	5,400	5,398	5,397	5,397	5,397	5,397	5,397	5,396	5,396	5,396	5,396	5,396								
06-95	5,311	4,967	4,909	4,895	4,890	4,890	4,889	4,888	4,888	4,888	4,888	4,887	4,887	4,887	4,887	4,887									
12-95	5,422	4,971	4,911	4,888	4,881	4,879	4,874	4,874	4,873	4,873	4,868	4,867	4,863	4,861	4,861										
06-96	4,882	4,643	4,591	4,582	4,582	4,579	4,578	4,577	4,578	4,578	4,578	4,578	4,578	4,578											
12-96	5,062	4,645	4,584	4,569	4,559	4,556	4,554	4,555	4,554	4,554	4,554	4,554	4,554												
06-97	5,298	4,966	4,898	4,889	4,891	4,889	4,892	4,890	4,887	4,885	4,885	4,884													
12-97	5,323	4,777	4,708	4,682	4,673	4,672	4,669	4,665	4,664	4,664	4,664														
06-98	4,983	4,522	4,474	4,451	4,431	4,428	4,427	4,426	4,427	4,426															
12-98	5,688	5,174	5,067	5,056	5,039	5,041	5,035	5,035	5,036																
06-99	5,728	5,117	5,021	4,983	4,978	4,973	4,976	4,976																	
12-99	6,189	5,483	5,356	5,321	5,303	5,298	5,296																		
06-00	6,202	5,571	5,456	5,395	5,376	5,374																			
12-00	7,207	6,287	6,128	6,095	6,086																				
06-01	6,522	5,820	5,701	5,663																					
12-01	6,285	5,703	5,576																						
06-02	5,876	5,372																							
12-02	5,808																								

Nova Scotia Private Passenger Auto Insurance

2003 Proposed Tort Reform

Appendix B

Sheet 6d

Collision (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	0.926	0.992	0.998	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	0.963	0.992	0.998	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	0.978	0.985	0.997	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.956	0.989	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	0.943	0.990	0.997	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.945	0.990	0.998	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	0.940	0.987	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	0.948	0.987	0.995	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	0.947	0.988	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	0.935	0.988	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	0.917	0.988	0.995	0.999	1.000	0.999	1.000	1.000	1.000	0.999	1.000	0.999	1.000	1.000											
06-96	0.951	0.989	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	0.918	0.987	0.997	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
06-97	0.937	0.986	0.998	1.000	1.000	1.001	1.000	0.999	1.000	1.000	1.000														
12-97	0.897	0.986	0.994	0.998	1.000	0.999	0.999	1.000	1.000	1.000															
06-98	0.907	0.989	0.995	0.996	0.999	1.000	1.000	1.000	1.000																
12-98	0.910	0.979	0.998	0.997	1.000	0.999	1.000	1.000																	
06-99	0.893	0.981	0.992	0.999	0.999	1.001	1.000																		
12-99	0.886	0.977	0.993	0.997	0.999	1.000																			
06-00	0.898	0.979	0.989	0.996	1.000																				
12-00	0.872	0.975	0.995	0.999																					
06-01	0.892	0.980	0.993																						
12-01	0.907	0.978																							
06-02	0.914																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	0.907	0.983	0.995	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.898	0.981	0.994	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.895	0.978	0.993	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	0.899	0.981	0.995	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	0.906	0.983	0.995	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.897	0.981	0.994	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.894	0.978	0.993	0.997	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	0.894	0.980	0.994	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.869	0.972	0.992	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	0.897	0.981	0.994	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	0.873	0.973	0.992	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	1.146	1.028	1.008	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	5,070	5,228	5,531	5,652	6,086	5,374	5,296	4,976	5,036	4,426	4,664	4,884	4,554	4,578	4,861	4,887	5,396	5,214	5,651	6,197	6,479	7,354	7,967	7,899	8,660

KPMG

Comprehensive (Nova Scotia)
Gross Basis
Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	12,483	13,241	13,275	13,361	13,301	13,299	13,289	13,288	13,289	13,274	13,275	13,280	13,281	13,281	13,290	13,290	13,290	13,266	13,266	13,266	13,266	13,266	13,266	13,266	13,266
06-91	11,287	12,908	12,883	12,857	12,852	12,832	12,828	12,824	12,822	12,821	12,820	12,819	12,817	12,815	12,815	12,815	12,815	12,815	12,813	12,813	12,813	12,813	12,813	12,813	
12-91	13,261	14,064	14,103	14,099	14,093	14,064	14,065	14,064	14,064	14,064	14,063	14,063	14,063	14,062	14,062	14,062	14,062	14,062	14,062	14,062	14,062	14,062	14,062		
06-92	11,228	11,997	12,065	12,019	12,018	12,013	12,021	12,021	12,021	12,000	12,000	12,000	11,998	11,998	11,998	11,998	11,998	11,998	11,998	11,998	11,998	11,998			
12-92	11,269	11,776	11,791	11,492	11,474	11,460	11,465	11,472	11,472	11,473	11,473	11,476	11,485	11,477	11,477	11,477	11,477	11,477	11,477	11,477	11,477				
06-93	9,781	10,456	10,479	10,479	10,462	10,468	10,474	10,474	10,466	10,466	10,466	10,464	10,464	10,464	10,464	10,464	10,464	10,464	10,464	10,464					
12-93	9,946	10,532	10,503	10,478	10,475	10,475	10,472	10,478	10,477	10,477	10,479	10,478	10,478	10,474	10,474	10,474	10,474	10,474	10,474						
06-94	8,348	8,986	9,007	9,013	9,022	9,021	9,021	9,022	9,022	9,022	9,019	9,019	9,019	9,019	9,019	9,019	9,019	9,019							
12-94	9,025	9,520	9,540	9,541	9,528	9,512	9,516	9,514	9,513	9,513	9,513	9,513	9,513	9,513	9,513	9,513	9,513								
06-95	8,493	9,503	9,714	9,719	9,714	9,717	9,717	9,719	9,717	9,717	9,717	9,717	9,717	9,717	9,717	9,717									
12-95	8,648	9,291	9,303	9,308	9,314	9,314	9,313	9,313	9,315	9,312	9,312	9,312	9,312	9,312	9,312										
06-96	7,835	8,857	8,871	8,865	8,879	8,890	8,887	8,903	8,913	8,926	8,922	8,922	8,922	8,922											
12-96	10,270	10,862	10,904	10,901	10,892	10,890	10,890	10,882	10,880	10,879	10,879	10,874	10,872												
06-97	8,642	9,658	9,684	9,674	9,687	9,678	9,677	9,677	9,677	9,673	9,672	9,672													
12-97	11,120	11,940	11,940	11,942	11,946	11,899	11,893	11,903	11,901	11,903	11,905														
06-98	10,391	11,143	11,217	11,242	11,199	11,197	11,205	11,205	11,204	11,191															
12-98	10,614	11,287	11,301	11,313	11,289	11,286	11,291	11,292	11,292																
06-99	9,853	10,830	10,847	10,856	10,860	10,857	10,862	10,861																	
12-99	12,702	13,273	13,261	13,267	13,272	13,253	13,260																		
06-00	10,892	12,336	12,337	12,345	12,338	12,339																			
12-00	13,234	14,115	14,130	14,135	14,143																				
06-01	11,463	12,772	12,875	12,867																					
12-01	12,235	13,257	13,270																						
06-02	10,160	11,436																							
12-02	10,044																								

KPMG **Comprehensive (Nova Scotia)**

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.061	1.003	1.006	0.996	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.001	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.144	0.998	0.998	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.061	1.003	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	1.068	1.006	0.996	1.000	1.000	1.001	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	1.045	1.001	0.975	0.998	0.999	1.000	1.001	1.000	1.000	1.000	1.000	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	1.069	1.002	1.000	0.998	1.001	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.059	0.997	0.998	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.076	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	1.055	1.002	1.000	0.999	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	1.119	1.022	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	1.074	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
06-96	1.131	1.002	0.999	1.002	1.001	1.000	1.002	1.001	1.001	1.000	1.000	1.000	1.000												
12-96	1.058	1.004	1.000	0.999	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000													
06-97	1.118	1.003	0.999	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000														
12-97	1.074	1.000	1.000	1.000	0.996	0.999	1.001	1.000	1.000	1.000															
06-98	1.072	1.007	1.002	0.996	1.000	1.001	1.000	1.000	0.999																
12-98	1.063	1.001	1.001	0.998	1.000	1.000	1.000	1.000																	
06-99	1.099	1.002	1.001	1.000	1.000	1.000	1.000																		
12-99	1.045	0.999	1.000	1.000	0.999	1.000																			
06-00	1.133	1.000	1.001	0.999	1.000																				
12-00	1.067	1.001	1.000	1.001																					
06-01	1.114	1.008	0.999																						
12-01	1.084	1.001																							
06-02	1.126																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.090	1.004	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.088	1.002	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.095	1.002	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.087	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.088	1.003	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.086	1.002	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.092	1.002	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.065	1.002	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.067	1.002	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.090	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.092	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.916	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	10,970	11,459	13,270	12,867	14,143	12,339	13,260	10,861	11,292	11,191	11,905	9,672	10,872	8,922	9,312	9,717	9,513	9,019	10,474	10,464	11,477	11,998	14,062	12,813	13,266

Comprehensive (Nova Scotia)

Gross Basis

Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	22,720	25,571	25,694	25,702	25,700	25,700	25,694	25,692	25,691	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689	25,689
06-91	19,432	23,463	23,567	23,578	23,580	23,579	23,578	23,580	23,578	23,578	23,578	23,578	23,578	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	23,577	
12-91	21,142	23,864	23,989	23,993	23,992	23,994	23,995	23,994	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992	23,992		
06-92	18,690	21,548	21,637	21,643	21,644	21,646	21,648	21,650	21,650	21,649	21,648	21,648	21,648	21,652	21,652	21,652	21,652	21,652	21,652	21,652	21,652	21,652			
12-92	17,446	19,629	19,772	19,776	19,777	19,775	19,776	19,775	19,775	19,775	19,776	19,776	19,776	19,776	19,776	19,777	19,777	19,776	19,776	19,776	19,776				
06-93	16,139	19,186	19,286	19,296	19,298	19,299	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302	19,302					
12-93	17,546	19,626	19,758	19,762	19,768	19,768	19,768	19,769	19,771	19,771	19,771	19,771	19,771	19,772	19,772	19,772	19,772	19,772	19,772						
06-94	14,100	16,668	16,783	16,789	16,795	16,796	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798	16,798							
12-94	14,013	16,068	16,173	16,182	16,179	16,181	16,182	16,184	16,184	16,184	16,184	16,184	16,184	16,184	16,184	16,184	16,184								
06-95	12,667	15,004	15,095	15,102	15,103	15,106	15,106	15,107	15,107	15,107	15,107	15,107	15,107	15,107	15,107	15,107									
12-95	12,215	14,033	14,137	14,138	14,144	14,143	14,143	14,144	14,145	14,146	14,146	14,146	14,146	14,146	14,146										
06-96	10,814	13,015	13,092	13,103	13,105	13,109	13,108	13,106	13,107	13,108	13,106	13,106	13,106	13,106											
12-96	11,722	13,325	13,435	13,443	13,443	13,444	13,443	13,442	13,442	13,442	13,443	13,444	13,442												
06-97	11,062	13,803	13,909	13,920	13,923	13,922	13,921	13,921	13,921	13,921	13,921	13,921													
12-97	12,316	14,230	14,374	14,391	14,392	14,389	14,390	14,389	14,390	14,390	14,390														
06-98	11,083	13,470	13,679	13,706	13,708	13,711	13,712	13,711	13,711	13,711															
12-98	10,956	13,195	13,366	13,408	13,414	13,415	13,416	13,416	13,415																
06-99	11,103	13,856	14,071	14,087	14,104	14,111	14,113	14,115																	
12-99	12,256	14,377	14,549	14,563	14,580	14,589	14,590																		
06-00	11,059	14,073	14,195	14,208	14,214	14,215																			
12-00	12,076	14,199	14,333	14,346	14,349																				
06-01	11,480	14,055	14,172	14,175																					
12-01	11,079	12,740	12,844																						
06-02	9,650	11,764																							
12-02	9,085																								

Comprehensive (Nova Scotia)
Gross Basis
Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.125	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.207	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.129	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	1.153	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	1.125	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	1.189	1.005	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.119	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.182	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	1.147	1.007	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	1.184	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	1.149	1.007	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
06-96	1.204	1.006	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	1.137	1.008	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
06-97	1.248	1.008	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12-97	1.155	1.010	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000															
06-98	1.215	1.016	1.002	1.000	1.000	1.000	1.000	1.000	1.000																
12-98	1.204	1.013	1.003	1.000	1.000	1.000	1.000	1.000																	
06-99	1.248	1.016	1.001	1.001	1.000	1.000	1.000																		
12-99	1.173	1.012	1.001	1.001	1.001	1.000																			
06-00	1.273	1.009	1.001	1.000	1.000																				
12-00	1.176	1.009	1.001	1.000																					
06-01	1.224	1.008	1.000																						
12-01	1.150	1.008																							
06-02	1.219																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.198	1.010	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.204	1.011	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.202	1.010	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.202	1.011	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.197	1.010	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.203	1.011	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.201	1.010	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.176	1.011	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.190	1.012	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.202	1.011	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.216	1.012	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.822	0.988	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	11,051	11,905	12,857	14,175	14,349	14,215	14,590	14,115	13,415	13,711	14,390	13,921	13,442	13,106	14,146	15,107	16,184	16,798	19,772	19,302	19,776	21,652	23,992	23,577	25,689

All Perils (Nova Scotia)

Gross Basis

Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	2,035	2,088	2,114	2,132	2,136	2,145	2,146	2,146	2,150	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160
06-91	2,178	2,208	2,170	2,167	2,169	2,165	2,165	2,165	2,165	2,165	2,164	2,163	2,162	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	2,161	
12-91	2,635	2,556	2,502	2,501	2,510	2,496	2,495	2,495	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,497	2,496		
06-92	2,317	2,197	2,188	2,184	2,185	2,182	2,180	2,180	2,201	2,201	2,192	2,192	2,192	2,191	2,191	2,191	2,191	2,191	2,191	2,191	2,191	2,191			
12-92	2,655	2,624	2,553	2,535	2,527	2,529	2,527	2,526	2,525	2,525	2,525	2,525	2,525	2,525	2,524	2,524	2,524	2,524	2,524	2,524	2,524				
06-93	2,392	2,297	2,268	2,277	2,275	2,271	2,270	2,267	2,267	2,267	2,267	2,266	2,267	2,266	2,266	2,266	2,266	2,266	2,266	2,266					
12-93	2,582	2,448	2,411	2,399	2,384	2,374	2,373	2,375	2,369	2,367	2,367	2,367	2,368	2,368	2,368	2,368	2,368	2,368	2,368						
06-94	2,194	2,053	2,023	2,021	2,018	2,018	2,019	2,019	2,019	2,017	2,017	2,017	2,017	2,017	2,017	2,017	2,017	2,017							
12-94	2,559	2,346	2,378	2,350	2,344	2,347	2,342	2,342	2,342	2,342	2,342	2,344	2,344	2,344	2,344	2,344	2,334								
06-95	2,428	2,275	2,237	2,225	2,224	2,221	2,212	2,212	2,212	2,212	2,212	2,212	2,212	2,212	2,212	2,212									
12-95	3,029	2,769	2,7[illegible]	2,722	2,717	2,718	2,717	2,717	2,718	2,716	2,716	2,716	2,716	2,716	2,716										
06-96	2,624	2,537	2,498	2,485	2,490	2,489	2,489	2,489	2,489	2,488	2,488	2,488	2,488	2,488											
12-96	3,142	2,782	2,781	2,790	2,787	2,783	2,792	2,799	2,800	2,800	2,799	2,799	2,799												
06-97	3,103	2,873	2,827	2,814	2,811	2,811	2,810	2,810	2,810	2,810	2,810	2,810													
12-97	3,357	3,041	2,990	2,960	2,955	2,951	2,953	2,953	2,953	2,953	2,953														
06-98	3,185	2,933	2,861	2,835	2,826	2,834	2,833	2,832	2,827	2,827															
12-98	3,901	3,380	3,289	3,255	3,250	3,246	3,246	3,233	3,234																
06-99	3,998	3,549	3,493	3,482	3,466	3,458	3,458	3,460																	
12-99	4,633	4,034	3,977	3,969	3,965	3,960	3,924																		
06-00	3,621	3,373	3,278	3,239	3,214	3,218																			
12-00	4,818	4,319	4,136	4,074	4,064																				
06-01	4,057	3,639	3,484	3,450																					
12-01	4,100	3,659	3,539																						
06-02	3,692	3,406																							
12-02	4,242																								

All Perils (Nova Scotia)
Gross Basis
Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.026	1.013	1.008	1.002	1.004	1.000	1.000	1.002	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.013	0.983	0.998	1.001	0.998	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	0.970	0.979	1.000	1.003	0.995	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.948	0.996	0.998	1.000	0.999	0.999	1.000	1.010	1.000	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	0.988	0.973	0.993	0.997	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.960	0.988	1.004	1.000	0.998	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	0.948	0.985	0.995	0.994	0.996	0.999	1.001	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	0.936	0.985	0.999	0.998	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	0.917	1.013	0.988	0.998	1.001	0.998	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	0.996									
06-95	0.937	0.983	0.995	1.000	0.999	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	0.914	0.989	0.995	0.998	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000											
06-96	0.967	0.985	0.995	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	0.886	0.999	1.003	0.999	0.999	1.003	1.003	1.000	1.000	1.000	1.000	1.000													
06-97	0.926	0.984	0.995	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12-97	0.906	0.983	0.990	0.998	0.999	1.001	1.000	1.000	1.000	1.000															
06-98	0.921	0.975	0.991	0.997	1.003	1.000	0.999	0.998	1.000																
12-98	0.866	0.973	0.989	0.999	0.999	1.000	0.996	1.000																	
06-99	0.888	0.984	0.997	0.995	0.998	1.000	1.001																		
12-99	0.871	0.986	0.998	0.999	0.999	0.991																			
06-00	0.931	0.972	0.988	0.992	1.001																				
12-00	0.896	0.958	0.985	0.998																					
06-01	0.897	0.957	0.990																						
12-01	0.892	0.967																							
06-02	0.923																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	0.906	0.978	0.993	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.899	0.974	0.993	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.902	0.971	0.991	0.997	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	0.899	0.975	0.992	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	0.903	0.977	0.993	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.898	0.973	0.992	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.900	0.971	0.991	0.997	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	0.881	0.972	0.991	0.997	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.845	0.959	0.987	0.996	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	0.900	0.973	0.992	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	0.867	0.963	0.990	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	1.153	1.038	1.010	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	3,678	3,281	3,504	3,443	4,064	3,218	3,924	3,460	3,234	2,827	2,953	2,810	2,799	2,488	2,716	2,212	2,334	2,017	2,368	2,266	2,524	2,191	2,496	2,161	2,160

All Perils (Nova Scotia)
Gross Basis
Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	2,002	2,108	2,097	2,100	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103	2,103
06-91	1,774	1,956	1,945	1,946	1,946	1,944	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	
12-91	2,009	2,128	2,106	2,098	2,095	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093	2,093		
06-92	1,784	1,899	1,896	1,895	1,894	1,897	1,895	1,895	1,896	1,897	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896			
12-92	1,976	2,029	2,008	2,004	2,001	1,995	1,994	1,994	1,996	1,994	1,994	1,994	1,994	1,994	1,994	1,994	1,994	1,994	1,994	1,994	1,994				
06-93	1,882	2,037	2,025	2,026	2,026	2,026	2,026	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024	2,024					
12-93	2,101	2,189	2,187	2,185	2,186	2,183	2,182	2,183	2,182	2,182	2,182	2,182	2,182	2,182	2,182	2,182	2,182	2,182	2,182						
06-94	1,678	1,837	1,829	1,829	1,828	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827	1,827							
12-94	1,722	1,810	1,823	1,821	1,823	1,823	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,821								
06-95	1,559	1,663	1,660	1,659	1,659	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658	1,658									
12-95	1,682	1,733	1,732	1,729	1,728	1,728	1,727	1,727	1,727	1,727	1,727	1,727	1,727	1,727	1,727										
06-96	1,499	1,610	1,601	1,600	1,600	1,601	1,602	1,602	1,602	1,602	1,602	1,602	1,602	1,602											
12-96	1,674	1,700	1,692	1,690	1,690	1,690	1,690	1,691	1,691	1,691	1,691	1,692	1,692												
06-97	1,588	1,686	1,686	1,686	1,686	1,686	1,686	1,686	1,686	1,686	1,686	1,686													
12-97	1,701	1,755	1,757	1,753	1,753	1,752	1,754	1,753	1,753	1,753	1,753														
06-98	1,519	1,649	1,651	1,648	1,649	1,649	1,649	1,648	1,648	1,648															
12-98	1,647	1,688	1,685	1,685	1,683	1,682	1,681	1,681	1,681																
06-99	1,692	1,758	1,758	1,758	1,756	1,759	1,758	1,758																	
12-99	1,896	1,917	1,916	1,912	1,913	1,913	1,912																		
06-00	1,604	1,708	1,703	1,701	1,699	1,698																			
12-00	1,917	1,899	1,892	1,892	1,888																				
06-01	1,771	1,814	1,790	1,790																					
12-01	1,616	1,613	1,591																						
06-02	1,497	1,542																							
12-02	1,432																								

KPMG

All Perils (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	1.053	0.995	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.103	0.994	1.001	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	1.059	0.990	0.996	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	1.064	0.998	0.999	0.999	1.002	0.999	1.000	1.001	1.001	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	1.027	0.990	0.998	0.999	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	1.082	0.994	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.042	0.999	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.095	0.996	1.000	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	1.051	1.007	0.999	1.001	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999									
06-95	1.067	0.998	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	1.030	0.999	0.998	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
06-96	1.074	0.994	0.999	1.000	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	1.016	0.995	0.999	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.001	1.000													
06-97	1.062	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12-97	1.032	1.001	0.998	1.000	0.999	1.001	0.999	1.000	1.000	1.000															
06-98	1.086	1.001	0.998	1.001	1.000	1.000	0.999	1.000	1.000																
12-98	1.025	0.998	1.000	0.999	0.999	0.999	1.000	1.000																	
06-99	1.039	1.000	1.000	0.999	1.002	0.999	1.000																		
12-99	1.011	0.999	0.998	1.001	1.000	0.999																			
06-00	1.065	0.997	0.999	0.999	0.999																				
12-00	0.991	0.996	1.000	0.998																					
06-01	1.024	0.987	1.000																						
12-01	0.998	0.986																							
06-02	1.030																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.034	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.030	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.020	0.994	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.028	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.033	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.029	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.019	0.994	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.006	0.996	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.000	0.994	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.029	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.025	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.976	1.004	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	1,468	1,516	1,589	1,790	1,888	1,698	1,912	1,758	1,681	1,648	1,753	1,686	1,692	1,602	1,727	1,658	1,821	1,827	2,182	2,024	1,994	1,896	2,093	1,943	2,103

KPMG

Specified Perils (Nova Scotia)
Gross Basis
Incurred Loss Development

Incurred Losses and ALAE (in 000's)

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	150	129	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
06-91	105	112	112	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	
12-91	110	95	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95		
06-92	104	94	95	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94			
12-92	121	120	120	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119				
06-93	130	127	128	130	130	126	128	128	128	128	128	128	128	128	128	128	128	128	128	128					
12-93	129	112	112	111	111	110	110	110	110	110	110	110	110	110	110	110	110	110	110						
06-94	154	154	150	148	148	148	148	148	148	148	149	149	149	149	149	149	149	149							
12-94	121	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112								
06-95	152	147	145	144	144	144	144	144	144	144	144	144	144	144	144	144									
12-95	156	165	165	165	165	165	165	165	165	165	165	165	165	165	165										
06-96	143	135	139	139	140	140	140	140	140	140	140	140	140	140											
12-96	166	147	146	145	145	145	145	145	145	145	145	145	144												
06-97	120	126	122	122	122	122	122	122	122	122	122	122													
12-97	120	109	109	109	109	109	109	109	109	109	109														
06-98	143	127	127	127	127	127	127	127	127	127															
12-98	68	55	54	54	54	54	54	54	54																
06-99	114	115	115	115	115	115	115	115																	
12-99	160	133	131	131	131	131	131																		
06-00	88	94	93	93	93	93																			
12-00	135	143	138	138	142																				
06-01	120	121	123	122																					
12-01	210	218	218																						
06-02	60	49																							
12-02	112																								

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Appendix B
Sheet 9c

KPMG

Specified Perils (Nova Scotia)
Gross Basis
Claim Count Development

Claim Counts

Accident Half-Yr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
12-90	78	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
06-91	88	92	92	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	
12-91	85	81	82	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81	81		
06-92	66	64	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65			
12-92	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47				
06-93	59	57	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58					
12-93	58	59	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58						
06-94	56	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55							
12-94	47	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45								
06-95	57	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55									
12-95	56	59	59	59	59	59	59	59	59	59	59	59	59	59	59										
06-96	57	54	56	56	56	56	56	56	56	56	56	56	56	56											
12-96	61	62	62	61	61	61	61	61	61	61	61	61	61												
06-97	40	45	46	46	46	46	46	46	46	46	46	46													
12-97	47	47	47	47	47	47	47	47	47	47	47														
06-98	55	56	56	56	56	56	56	56	56	56															
12-98	33	33	33	33	33	33	33	33	33																
06-99	50	46	47	47	47	47	47	47																	
12-99	51	53	53	53	53	53	53																		
06-00	45	47	47	47	47	47																			
12-00	59	66	66	66	66																				
06-01	35	38	38	38																					
12-01	60	60	60																						
06-02	44	48																							
12-02	33																								

Specified Perils (Nova Scotia)

Gross Basis

Incurred Loss Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	0.858	0.952	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.063	1.001	0.960	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	0.865	1.004	0.991	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.900	1.013	0.994	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	0.991	0.999	0.996	1.000	1.000	1.000	1.000	1.000	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.975	1.008	1.020	1.001	0.969	1.016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	0.869	0.997	0.992	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	1.005	0.969	0.986	1.000	1.000	1.000	1.000	1.000	1.000	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	0.925	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	0.969	0.983	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	1.058	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
06-96	0.946	1.034	1.000	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	0.886	0.992	0.992	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998													
06-97	1.049	0.967	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12-97	0.911	0.999	0.999	1.000	1.005	1.000	1.000	1.000	1.000	1.000															
06-98	0.886	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000																
12-98	0.806	0.989	1.000	1.000	1.000	1.000	1.000	1.000																	
06-99	1.017	0.998	0.998	1.000	1.000	1.000	1.000																		
12-99	0.831	0.990	1.000	1.000	1.000	1.000																			
06-00	1.068	0.999	1.000	1.000	1.000																				
12-00	1.056	0.965	1.000	1.033																					
06-01	1.014	1.017	0.986																						
12-01	1.035	1.002																							
06-02	0.814																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	0.956	0.995	0.998	1.003	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.944	0.993	0.997	1.004	1.001	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.970	0.995	0.997	1.006	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	0.946	0.993	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	0.964	0.996	0.998	1.003	1.000	1.001	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	0.956	0.993	0.997	1.004	1.000	1.000	1.000	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	0.980	0.995	0.997	1.007	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	0.980	0.985	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	0.963	0.983	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	1.010	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.990	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	113	49	218	122	142	93	131	115	54	127	109	122	144	140	165	144	112	149	110	128	119	94	95	107	122

Specified Perils (Nova Scotia)

Gross Basis

Claim Count Development

Age-to-Age Factors

Accident Half-Yr	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
12-90	0.962	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
06-91	1.045	1.000	0.989	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
12-91	0.953	1.012	0.988	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
06-92	0.970	1.016	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
12-92	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
06-93	0.966	1.018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
12-93	1.017	0.983	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
06-94	0.982	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
12-94	0.957	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
06-95	0.965	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
12-95	1.054	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
06-96	0.947	1.037	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
12-96	1.016	1.000	0.984	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
06-97	1.125	1.022	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000														
12-97	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000															
06-98	1.018	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000																
12-98	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000																	
06-99	0.920	1.022	1.000	1.000	1.000	1.000	1.000																		
12-99	1.039	1.000	1.000	1.000	1.000	1.000																			
06-00	1.044	1.000	1.000	1.000	1.000																				
12-00	1.119	1.000	1.000	1.000																					
06-01	1.086	1.000	1.000																						
12-01	1.000	1.000																							
06-02	1.091																								
12-02																									

Averages

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Simple Avg																									
Latest 14	1.033	1.006	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.032	1.004	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.063	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																									
Latest 10x1	1.035	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																									
Latest 14	1.030	1.006	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 10	1.031	1.004	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 6	1.061	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Development Factor Selection

	6 - 12	12 - 18	18 - 24	24 - 30	30 - 36	36 - 42	42 - 48	48 - 54	54 - 60	60 - 66	66 - 72	72 - 78	78 - 84	84 - 90	90 - 96	96 - 102	102 - 108	108 - 114	114 - 120	120 - 126	126 - 132	132 - 138	138 - 144	144 - 150	To Ult
Industry 2002	1.027	1.002	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Ind - Age To Ult	1.026	0.999	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Selected	1.031	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	1.031	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.970	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Projected Ultimate	34	48	60	38	66	47	53	47	33	56	47	46	61	56	59	55	45	55	58	58	47	65	81	91	75

Summary of Ultimate Values

Third Party Liability - Bodily Injury

Industry - Nova Scotia

	Projected Ultimate					
AY	Losses ($000)	Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	68,067	2,679	413,207	164.73	25,408	0.65%
1993	71,985	2,657	415,944	173.06	27,093	0.64%
1994	76,649	2,652	418,241	183.26	28,902	0.63%
1995	82,874	2,604	420,777	196.96	31,826	0.62%
1996	89,233	2,716	420,336	212.29	32,855	0.65%
1997	100,464	2,902	426,732	235.43	34,619	0.68%
1998	112,436	3,038	434,824	258.58	37,010	0.70%
1999	133,264	3,354	431,017	309.19	39,737	0.78%
2000	152,310	3,577	447,643	340.25	42,577	0.80%
2001	166,579	3,713	458,237	363.52	44,865	0.81%
2002	171,745	3,534	461,752	371.94	48,598	0.77%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.
(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(5) = [(2) / (4) x 1000].
(6) = [(2) / (3) x 1000].
(7) = [(3) / (4)].

Summary of Ultimate Values
Third Party Liability - PD

Industry - Nova Scotia

	Projected Ultimate					
AY (1)	Losses ($000) (2)	Claim Counts (3)	Earned Exposures (4)	Loss Cost (5)	Severity (6)	Frequency (7)
1992	26,789	14,151	413,207	64.83	1,893	3.42%
1993	27,137	13,491	415,944	65.24	2,012	3.24%
1994	25,357	11,662	418,241	60.63	2,174	2.79%
1995	24,278	10,682	420,777	57.70	2,273	2.54%
1996	24,416	10,243	420,336	58.09	2,384	2.44%
1997	24,756	10,051	426,732	58.01	2,463	2.36%
1998	25,442	9,976	434,824	58.51	2,550	2.29%
1999	27,529	10,129	431,017	63.87	2,718	2.35%
2000	28,726	10,373	447,643	64.17	2,769	2.32%
2001	31,037	10,543	458,237	67.73	2,944	2.30%
2002	27,487	9,314	461,752	59.53	2,951	2.02%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.
(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia
(5) = [(2) / (4) x 1000]
(6) = [(2) / (3) x 1000]
(7) = [(3) / (4)]

Summary of Ultimate Values

Accident Benefits

Industry - Nova Scotia

	Projected Ultimate					
AY (1)	Losses ($000) (2)	Claim Counts (3)	Earned Exposures (4)	Loss Cost (5)	Severity (6)	Frequency (7)
1992	13,043	3,976	405,185	32.19	3,280	0.98%
1993	12,625	3,948	411,277	30.70	3,198	0.96%
1994	12,082	3,943	418,441	28.87	3,064	0.94%
1995	13,627	4,067	421,310	32.34	3,351	0.97%
1996	13,539	4,052	421,385	32.13	3,341	0.96%
1997	14,788	4,418	427,437	34.60	3,347	1.03%
1998	17,139	4,636	434,827	39.42	3,697	1.07%
1999	21,786	5,192	429,669	50.70	4,196	1.21%
2000	26,881	5,565	446,165	60.25	4,830	1.25%
2001	27,384	5,364	456,972	59.93	5,106	1.17%
2002	25,846	4,968	460,319	56.15	5,202	1.08%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.
(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(5) = [(2) / (4) x 1000].
(6) = [(2) / (3) x 1000].
(7) = [(3) / (4)].

Summary of Ultimate Values
Uninsured Automobile

Industry - Nova Scotia

AY	Projected Ultimate Losses ($000)	Projected Ultimate Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	0	0	0	0.00	0	0.00%
1993	0	0	0	0.00	0	0.00%
1994	0	0	0	0.00	0	0.00%
1995	0	0	0	0.00	0	0.00%
1996	1,258	76	42,311	29.73	16,549	0.18%
1997	3,627	224	293,541	12.36	16,200	0.08%
1998	3,290	134	374,367	8.79	24,603	0.04%
1999	3,372	160	397,390	8.49	21,097	0.04%
2000	4,613	175	422,796	10.91	26,397	0.04%
2001	4,693	192	424,089	11.07	24,479	0.05%
2002	3,949	150	416,173	9.49	26,282	0.04%

Industry - Atlantics

AY	Projected Ultimate Losses ($000)	Projected Ultimate Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	2,014	97	251,516	8.01	20,767	3.86%
1993	1,985	132	282,092	7.04	15,039	4.68%
1994	3,207	228	296,535	10.81	14,064	7.69%
1995	5,735	313	451,602	12.70	18,323	6.93%
1996	5,763	420	595,464	9.68	13,722	7.05%
1997	9,047	546	862,443	10.49	16,577	6.33%
1998	9,498	450	953,483	9.96	21,111	4.72%
1999	9,723	575	965,193	10.07	16,920	5.95%
2000	10,397	498	1,009,903	10.30	20,858	4.94%
2001	12,263	541	1,030,325	11.90	22,655	5.25%
2002	12,646	453	1,020,698	12.39	27,918	4.44%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.
(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(5) = [(2) / (4) x 1000]
(6) = [(2) / (3) x 1000]
(7) = [(3) / (4)]

Summary of Ultimate Values
Underinsured Motorist

Industry - Nova Scotia

AY	Projected Ultimate Losses ($000)	Projected Ultimate Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	733	7	306,291	2.39	104,772	0.00%
1993	297	3	321,590	0.92	98,922	0.00%
1994	2,590	14	351,662	7.37	185,002	0.00%
1995	1,018	5	380,069	2.68	203,654	0.00%
1996	1,124	8	384,381	2.92	140,502	0.00%
1997	540	12	396,111	1.36	45,033	0.00%
1998	1,111	8	408,613	2.72	138,901	0.00%
1999	1,210	13	406,643	2.98	96,739	0.00%
2000	2,387	22	424,637	5.62	108,039	0.01%
2001	1,837	25	437,180	4.20	73,787	0.01%
2002	954	41	442,833	2.15	23,219	0.01%

Industry - Atlantics

AY	Projected Ultimate Losses ($000)	Projected Ultimate Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	2,807	22	776,529	3.61	127,577	0.28%
1993	1,626	10	805,146	2.02	162,581	0.12%
1994	5,475	33	836,662	6.54	165,920	0.39%
1995	2,899	25	885,288	3.28	115,976	0.28%
1996	3,787	30	898,714	4.21	126,230	0.33%
1997	3,414	32	926,567	3.68	106,693	0.35%
1998	4,801	30	955,706	5.02	160,031	0.31%
1999	4,703	42	949,060	4.96	110,843	0.45%
2000	5,426	41	991,646	5.47	132,603	0.41%
2001	4,251	39	1,025,596	4.14	108,312	0.38%
2002	2,591	50	1,041,083	2.49	51,457	0.48%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.
(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(5) = [(2) / (4) x 1000].
(6) = [(2) / (3) x 1000].
(7) = [(3) / (4)].

Summary of Ultimate Values
Collision

Industry - Nova Scotia

AY	Projected Ultimate Losses ($000)	Projected Ultimate Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	33,290	13,833	255,696	130.19	2,407	5.41%
1993	28,960	11,848	243,653	118.86	2,444	4.86%
1994	27,299	10,610	237,064	115.15	2,573	4.48%
1995	27,910	9,748	229,744	121.48	2,863	4.24%
1996	27,410	9,132	228,971	119.71	3,002	3.99%
1997	30,623	9,548	232,344	131.80	3,207	4.11%
1998	28,222	9,462	237,511	118.82	2,983	3.98%
1999	31,984	10,272	239,946	133.29	3,114	4.28%
2000	36,636	11,460	255,371	143.46	3,197	4.49%
2001	36,442	11,183	265,105	137.46	3,259	4.22%
2002	34,554	10,298	265,494	130.15	3,355	3.88%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.
(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(5) = [(2) / (4) x 1000].
(6) = [(2) / (3) x 1000].
(7) = [(3) / (4)].

Summary of Ultimate Values

Comprehensive

Industry - Nova Scotia

	Projected Ultimate					
AY	Losses ($000)	Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	23,475	41,428	318,923	73.61	567	12.99%
1993	20,938	39,074	309,202	67.72	536	12.64%
1994	18,532	32,982	303,337	61.09	562	10.87%
1995	19,029	29,253	294,733	64.56	651	9.93%
1996	19,793	26,548	289,367	68.40	746	9.17%
1997	21,577	28,311	292,229	73.84	762	9.69%
1998	22,483	27,126	297,787	75.50	829	9.11%
1999	24,121	28,705	296,776	81.28	840	9.67%
2000	26,482	28,564	312,181	84.83	927	9.15%
2001	26,137	27,032	321,244	81.36	967	8.41%
2002	22,429	22,957	322,329	69.59	977	7.12%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.

(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.

(5) = [(2) / (4) x 1000].

(6) = [(2) / (3) x 1000].

(7) = [(3) / (4)].

Summary of Ultimate Values
All Perils

Industry - Nova Scotia

AY	Projected Ultimate Losses ($000)	Projected Ultimate Claim Counts	Earned Exposures	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	4,715	3,890	25,762	183.03	1,212	15.10%
1993	4,634	4,206	28,492	162.64	1,102	14.76%
1994	4,351	3,648	30,011	144.97	1,193	12.16%
1995	4,928	3,385	31,956	154.21	1,456	10.59%
1996	5,287	3,294	32,917	160.62	1,605	10.01%
1997	5,763	3,439	33,257	173.29	1,676	10.34%
1998	6,060	3,329	34,086	177.80	1,821	9.77%
1999	7,384	3,670	35,806	206.23	2,012	10.25%
2000	7,282	3,586	36,452	199.78	2,031	9.84%
2001	6,947	3,379	38,432	180.75	2,056	8.79%
2002	6,958	3,003	39,698	175.28	2,317	7.57%

Column Notes:

(2)&(3)	Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B
(4)	From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(5)	= [(2) / (4) x 1000].
(6)	= [(2) / (3) x 1000].
(7)	= [(3) / (4)].

Summary of Ultimate Values
Specified Perils

Industry - Nova Scotia

AY (1)	Projected Ultimate Losses ($000) (2)	Projected Ultimate Claim Counts (3)	Earned Exposures (4)	Loss Cost (5)	Severity (6)	Frequency (7)
1992	214	112	7,935	26.91	1,907	1.41%
1993	239	116	7,992	29.88	2,059	1.45%
1994	261	100	8,318	31.34	2,606	1.20%
1995	309	114	8,483	36.48	2,715	1.34%
1996	284	117	8,356	34.00	2,428	1.40%
1997	231	93	8,079	28.61	2,486	1.15%
1998	181	89	7,373	24.53	2,032	1.21%
1999	246	100	6,857	35.91	2,463	1.46%
2000	236	113	6,340	37.18	2,086	1.78%
2001	340	98	6,107	55.63	3,467	1.60%
2002	162	82	5,800	27.87	1,971	1.41%

Column Notes:

(2)&(3) Incurred losses from 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia; Developed to ultimate in Appendix B.

(4) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia

(5) = [(2) / (4) x 1000]

(6) = [(2) / (3) x 1000]

(7) = [(3) / (4)]

Trend Analysis

Third Party Liability - Bodily Injury - Based on 2002 Industry Data

Accident Year (1)	Projected Ultimate Loss Cost (2)	Projected Ultimate Severity (3)	Projected Ultimate Frequency (4)	Rate of Annual Change Loss Cost (5)	Rate of Annual Change Severity (6)	Rate of Annual Change Frequency (7)
1992	164.73	25,408	0.65%			
1993	173.06	27,093	0.64%	5%	7%	-1%
1994	183.26	28,902	0.63%	6%	7%	-1%
1995	196.96	31,826	0.62%	7%	10%	-2%
1996	212.29	32,855	0.65%	8%	3%	4%
1997	235.43	34,619	0.68%	11%	5%	5%
1998	258.58	37,010	0.70%	10%	7%	3%
1999	309.19	39,737	0.78%	20%	7%	11%
2000	340.25	42,577	0.80%	10%	7%	3%
2001	363.52	44,865	0.81%	7%	5%	1%
2002	371.94	48,598	0.77%	2%	8%	-6%
Regression Statistics - R-Squared						
All Years	0.98	1.00	0.79			
7-Year	0.96	1.00	0.76			
5-Year	0.90	1.00	0.37			
4-Year	0.94	0.99	0.03			
Regression Statistics - Indicated Annual Trend						
All Years	9.5%	6.6%	2.8%			
7-Year	10.6%	6.8%	3.6%			
5-Year	9.3%	6.9%	2.3%			
4-Year	6.4%	6.8%	-0.4%			
Selections	8.0%					

Column Notes:
(2),(3)&(4) From Appendix C, Sheet 1.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Trend Analysis

Third Party Liability - Property Damage - Based on 2002 Industry Data

	Projected Ultimate			Rate of Annual Change		
Accident Year (1)	Loss Cost (2)	Severity (3)	Frequency (4)	Loss Cost (5)	Severity (6)	Frequency (7)
1992	64.83	1,893	3.42%			
1993	65.24	2,012	3.24%	1%	6%	-5%
1994	60.63	2,174	2.79%	-7%	8%	-14%
1995	57.70	2,273	2.54%	-5%	5%	-9%
1996	58.09	2,384	2.44%	1%	5%	-4%
1997	58.01	2,463	2.36%	0%	3%	-3%
1998	58.51	2,550	2.29%	1%	4%	-3%
1999	63.87	2,718	2.35%	9%	7%	2%
2000	64.17	2,769	2.32%	0%	2%	-1%
2001	67.73	2,944	2.30%	6%	6%	-1%
2002	59.53	2,951	2.02%	-12%	0%	-12%
Regression Statistics - R-Squared						
All Years	0.00	0.98	0.83			
7-Year	0.36	0.98	0.60			
5-Year	0.06	0.93	0.50			
4-Year	0.15	0.89	0.72			
Regression Statistics - Indicated Annual Trend						
All Years	0.1%	4.5%	-4.3%			
7-Year	1.7%	3.9%	-2.1%			
5-Year	0.9%	3.8%	-2.7%			
4-Year	-1.6%	3.1%	-4.5%			
Selections	0.0%					

Column Notes:
(2),(3)&(4) From Appendix C, Sheet 2.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform Package

Appendix D
Sheet 3

Trend Analysis

Accident Benefits - Based on 2002 Industry Data

Accident Year (1)	Projected Ultimate Loss Cost (2)	Projected Ultimate Severity (3)	Projected Ultimate Frequency (4)	Rate of Annual Change Loss Cost (5)	Rate of Annual Change Severity (6)	Rate of Annual Change Frequency (7)
1992	32.19	3,280	0.98%			
1993	30.70	3,198	0.96%	-5%	-3%	-2%
1994	28.87	3,064	0.94%	-6%	-4%	-2%
1995	32.34	3,351	0.97%	12%	9%	2%
1996	32.13	3,341	0.96%	-1%	0%	0%
1997	34.60	3,347	1.03%	8%	0%	7%
1998	39.42	3,697	1.07%	14%	10%	3%
1999	50.70	4,196	1.21%	29%	14%	13%
2000	60.25	4,830	1.25%	19%	15%	3%
2001	59.93	5,106	1.17%	-1%	6%	-6%
2002	56.15	5,202	1.08%	-6%	2%	-8%
Regression Statistics - R-Squared						
All Years	0.83	0.84	0.64			
7-Year	0.86	0.95	0.39			
5-Year	0.62	0.92	0.00			
4-Year	0.23	0.86	0.69			
Regression Statistics - Indicated Annual Trend						
All Years	8.3%	5.7%	2.5%			
7-Year	12.1%	9.1%	2.7%			
5-Year	9.1%	9.2%	0.0%			
4-Year	3.1%	7.3%	-3.9%			
Selections	8.0%					

Column Notes:

(2),(3)&(4) From Appendix C, Sheet 3.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Trend Analysis

Uninsured Automobile - Based on 2002 Industry Data

	Projected Ultimate			Rate of Annual Change		
Accident Year (1)	Loss Cost (2)	Severity (3)	Frequency (4)	Loss Cost (5)	Severity (6)	Frequency (7)
1992	8.01	20,767	0.04%			
1993	7.04	15,039	0.05%	-12%	-28%	21%
1994	10.81	14,064	0.08%	54%	-6%	64%
1995	12.70	18,323	0.07%	17%	30%	-10%
1996	9.68	13,722	0.07%	-24%	-25%	2%
1997	10.49	16,577	0.06%	8%	21%	-10%
1998	9.96	21,111	0.05%	-5%	27%	-25%
1999	10.07	16,920	0.06%	1%	-20%	26%
2000	10.30	20,858	0.05%	2%	23%	-17%
2001	11.90	22,655	0.05%	16%	9%	6%
2002	12.39	27,918	0.04%	4%	23%	-16%
Regression Statistics - R-Squared						
All Years	0.40	0.39	0.01			
7-Year	0.71	0.81	0.62			
5-Year	0.87	0.56	0.12			
4-Year	0.92	0.98	0.74			
Regression Statistics - Indicated Annual Trend						
All Years	3.4%	4.2%	-0.8%			
7-Year	3.7%	10.3%	-5.9%			
5-Year	6.2%	8.9%	-2.4%			
4-Year	8.0%	17.2%	-7.9%			
Selections	8.0%					

Column Notes:
(2),(3)&(4) From Appendix C, Sheet 4.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Trend Analysis based on Atlantics Data.

Appendix D
Sheet 5

Trend Analysis

Underinsured Motorist - Based on 2002 Industry Data

Accident Year	Projected Ultimate			Rate of Annual Change		
	Loss Cost	Severity	Frequency	Loss Cost	Severity	Frequency
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1992	3.61	127,577	0.00%			
1993	2.02	162,581	0.00%	-44%	27%	-56%
1994	6.54	165,920	0.00%	224%	2%	218%
1995	3.28	115,976	0.00%	-50%	-30%	-28%
1996	4.21	126,230	0.00%	29%	9%	18%
1997	3.68	106,693	0.00%	-13%	-15%	3%
1998	5.02	160,031	0.00%	36%	50%	-9%
1999	4.96	110,843	0.00%	-1%	-31%	42%
2000	5.47	132,603	0.00%	10%	20%	-8%
2001	4.14	108,312	0.00%	-24%	-18%	-7%
2002	2.49	51,457	0.00%	-40%	-52%	26%
Regression Statistics - R-Squared						
All Years	0.02	0.39	0.45			
7-Year	0.13	0.38	0.59			
5-Year	0.62	0.71	0.46			
4-Year	0.75	0.59	0.04			
Regression Statistics - Indicated Annual Trend						
All Years	1.4%	-5.9%	7.7%			
7-Year	-4.4%	-9.7%	5.8%			
5-Year	-14.6%	-20.5%	7.3%			
4-Year	-20.9%	-22.2%	1.6%			
Selections	8.0%					

Column Notes:

(2),(3)&(4) From Appendix C, Sheet 5.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Trend Analysis based on Atlantics Data.

Trend Analysis

Collision - Based on 2002 Industry Data

Accident Year (1)	Projected Ultimate Loss Cost (2)	Severity (3)	Frequency (4)	Rate of Annual Change Loss Cost (5)	Severity (6)	Frequency (7)
1992	130.19	2,407	5.41%			
1993	118.86	2,444	4.86%	-9%	2%	-10%
1994	115.15	2,573	4.48%	-3%	5%	-8%
1995	121.48	2,863	4.24%	5%	11%	-5%
1996	119.71	3,002	3.99%	-1%	5%	-6%
1997	131.80	3,207	4.11%	10%	7%	3%
1998	118.82	2,983	3.98%	-10%	-7%	-3%
1999	133.29	3,114	4.28%	12%	4%	7%
2000	143.46	3,197	4.49%	8%	3%	5%
2001	137.46	3,259	4.22%	-4%	2%	-6%
2002	130.15	3,355	3.88%	-5%	3%	-8%
Regression Statistics - R-Squared						
All Years	0.37	0.86	0.47			
7-Year	0.34	0.61	0.02			
5-Year	0.23	0.98	0.03			
4-Year	0.12	0.99	0.58			
Regression Statistics - Indicated Annual Trend						
All Years	1.3%	3.4%	-2.0%			
7-Year	1.9%	1.6%	0.3%			
5-Year	2.2%	2.9%	-0.7%			
4-Year	-1.1%	2.5%	-3.5%			
Selections	3.0%					

Column Notes:

(2),(3)&(4) From Appendix C, Sheet 6.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Trend Analysis

Comprehensive - Based on 2002 Industry Data

Accident Year (1)	Projected Ultimate Loss Cost (2)	Projected Ultimate Severity (3)	Projected Ultimate Frequency (4)	Rate of Annual Change Loss Cost (5)	Rate of Annual Change Severity (6)	Rate of Annual Change Frequency (7)
1992	73.61	567	12.99%			
1993	67.72	536	12.64%	-8%	-5%	-3%
1994	61.09	562	10.87%	-10%	5%	-14%
1995	64.56	651	9.93%	6%	16%	-9%
1996	68.40	746	9.17%	6%	15%	-8%
1997	73.84	762	9.69%	8%	2%	6%
1998	75.50	829	9.11%	2%	9%	-6%
1999	81.28	840	9.67%	8%	1%	6%
2000	84.83	927	9.15%	4%	10%	-5%
2001	81.36	967	8.41%	-4%	4%	-8%
2002	69.59	977	7.12%	-14%	1%	-15%
Regression Statistics - R-Squared						
All Years	0.34	0.95	0.84			
7-Year	0.11	0.96	0.56			
5-Year	0.11	0.92	0.70			
4-Year	0.56	0.86	0.94			
Regression Statistics - Indicated Annual Trend						
All Years	1.8%	6.8%	-4.6%			
7-Year	1.3%	5.1%	-3.6%			
5-Year	-1.6%	4.8%	-6.1%			
4-Year	-4.9%	5.1%	-9.5%			
Selections	2.0%					

Column Notes:

(2),(3)&(4) From Appendix C, Sheet 7.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform Package

Appendix D
Sheet 8

Trend Analysis

All Perils - Based on 2002 Industry Data

	Projected Ultimate			Rate of Annual Change		
Accident Year (1)	Loss Cost (2)	Severity (3)	Frequency (4)	Loss Cost (5)	Severity (6)	Frequency (7)
1992	183.03	1,212	15.10%			
1993	162.64	1,102	14.76%	-11%	-9%	-2%
1994	144.97	1,193	12.16%	-11%	8%	-18%
1995	154.21	1,456	10.59%	6%	22%	-13%
1996	160.62	1,605	10.01%	4%	10%	-6%
1997	173.29	1,676	10.34%	8%	4%	3%
1998	177.80	1,821	9.77%	3%	9%	-6%
1999	206.23	2,012	10.25%	16%	11%	5%
2000	199.78	2,031	9.84%	-3%	1%	-4%
2001	180.75	2,056	8.79%	-10%	1%	-11%
2002	175.28	2,317	7.57%	-3%	13%	-14%
Regression Statistics - R-Squared						
All Years	0.28	0.94	0.85			
7-Year	0.17	0.95	0.63			
5-Year	0.12	0.86	0.73			
4-Year	0.95	0.72	0.95			
Regression Statistics - Indicated Annual Trend						
All Years	1.7%	7.6%	-5.5%			
7-Year	1.7%	6.0%	-4.0%			
5-Year	-1.6%	5.2%	-6.4%			
4-Year	-5.7%	4.4%	-9.7%			
Selections	2.0%					

Column Notes:

(2),(3)&(4) From Appendix C, Sheet 8.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Trend Analysis

Specified Perils - Based on 2002 Industry Data

Accident Year (1)	Projected Ultimate Loss Cost (2)	Projected Ultimate Severity (3)	Projected Ultimate Frequency (4)	Rate of Annual Change Loss Cost (5)	Rate of Annual Change Severity (6)	Rate of Annual Change Frequency (7)
1992	26.91	1,907	1.41%			
1993	29.88	2,059	1.45%	11%	8%	3%
1994	31.34	2,606	1.20%	5%	27%	-17%
1995	36.48	2,715	1.34%	16%	4%	12%
1996	34.00	2,428	1.40%	-7%	-11%	4%
1997	28.61	2,486	1.15%	-16%	2%	-18%
1998	24.53	2,032	1.21%	-14%	-18%	5%
1999	35.91	2,463	1.46%	46%	21%	21%
2000	37.18	2,086	1.78%	4%	-15%	22%
2001	55.63	3,467	1.60%	50%	66%	-10%
2002	27.87	1,971	1.41%	-50%	-43%	-12%
Regression Statistics - R-Squared						
All Years	0.15	0.04	0.14			
7-Year	0.11	0.00	0.30			
5-Year	0.12	0.04	0.20			
4-Year	0.03	0.01	0.06			
Regression Statistics - Indicated Annual Trend						
All Years	2.6%	1.1%	1.5%			
7-Year	4.2%	0.2%	3.9%			
5-Year	7.2%	2.8%	4.2%			
4-Year	-3.5%	-1.6%	-2.0%			
Selections	2.0%					

Column Notes:

(2),(3)&(4) From Appendix C, Sheet 9.
(5) = (2) / [(2) prior year].
(6) = (3) / [(3) prior year].
(7) = (4) / [(4) prior year].

Indicated Rate Level Change assuming 5% Return on Equity

Compulsory Coverages

Current System

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & UM	Compulsory Coverages
Weights							
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	202,614	35,577	238,191	42,292	6,314	48,607	286,798
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	60.2%
Projected Loss Ratios							
(3) Industry - Nova Scotia Projected Loss Ratio	116.0%	87.9%	111.8%	85.8%	95.5%	86.8%	
Credibility							
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	100.0%	100.0%	43.3%	100.0%	
(5) Residual Credibility	0.0%	0.0%	0.0%	0.0%	56.7%	0.0%	
(6) Projected Permissible Loss Ratio	85.9%	71.1%	83.7%	82.4%	84.9%	82.8%	
Indicated Rate Change							
(7) Credibility Weighted Projected Loss Ratio	116.0%	87.9%		85.8%	89.5%		
(8) Current Permissible Loss Ratio	78.8%	71.1%		75.4%	77.6%		
(9) Indicated Rate Level Change	**47.2%**	**23.7%**	**43.7%**	**13.8%**	**15.3%**	**14.0%**	**38.7%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (21).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (9).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 5% Return on Equity
Compulsory Coverages
Tort Reform with Threshold

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & UM	Compulsory Coverages
Weights							
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	202,614	35,577	238,191	42,292	6,314	48,607	286,798
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	60.2%
Projected Loss Ratios							
(3) Industry - Nova Scotia Projected Loss Ratio	63.6%	87.9%	67.2%	85.8%	72.9%	83.9%	
Credibility							
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	100.0%	100.0%	43.3%	100.0%	
(5) Residual Credibility	0.0%	0.0%	0.0%	0.0%	56.7%	0.0%	
(6) Projected Permissible Loss Ratio	45.1%	71.1%	49.0%	82.4%	64.7%	80.1%	
Indicated Rate Change							
(7) Credibility Weighted Projected Loss Ratio	63.6%	87.9%		85.8%	68.2%		
(8) Current Permissible Loss Ratio	78.8%	71.1%		75.4%	77.6%		
(9) Indicated Rate Level Change	**-19.3%**	**23.7%**	**-12.9%**	**13.8%**	**-12.1%**	**10.5%**	**-8.9%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (22).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (9).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 5% Return on Equity

Compulsory Coverages

Tort Reform without Threshold

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & UM	Compulsory Coverages
Weights							
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	202,614	35,577	238,191	42,292	6,314	48,607	286,798
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	60.2%
Projected Loss Ratios							
(3) Industry - Nova Scotia Projected Loss Ratio	58.0%	87.9%	62.4%	85.8%	70.4%	83.6%	
Credibility							
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	100.0%	100.0%	43.3%	100.0%	
(5) Residual Credibility	0.0%	0.0%	0.0%	0.0%	56.7%	0.0%	
(6) Projected Permissible Loss Ratio	40.7%	71.1%	45.3%	82.4%	62.6%	79.9%	
Indicated Rate Change							
(7) Credibility Weighted Projected Loss Ratio	58.0%	87.9%		85.8%	66.0%		
(8) Current Permissible Loss Ratio	78.8%	71.1%		75.4%	77.6%		
(9) Indicated Rate Level Change	**-26.4%**	**23.7%**	**-19.0%**	**13.8%**	**-15.0%**	**10.1%**	**-14.0%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (23).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (9).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 10% Return on Equity

Compulsory Coverages

Current System

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & Uninsured Automobile	Compulsory Coverages
Weights							
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	202,614	35,577	238,191	42,292	6,314	48,607	286,798
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	60.2%
Projected Loss Ratios							
(3) Industry - Nova Scotia Projected Loss Ratio	116.0%	87.9%	111.8%	85.8%	95.5%	86.8%	
Credibility							
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	100.0%	100.0%	43.3%	100.0%	
(5) Residual Credibility	0.0%	0.0%	0.0%	0.0%	56.7%	0.0%	
(6) Projected Permissible Loss Ratio	80.8%	66.9%	78.7%	77.6%	79.9%	77.9%	
Indicated Rate Change							
(7) Credibility Weighted Projected Loss Ratio	116.0%	87.9%		85.8%	86.6%		
(8) Current Permissible Loss Ratio	74.1%	66.9%		70.9%	73.0%		
(9) **Indicated Rate Level Change**	**56.4%**	**31.5%**	**52.7%**	**21.0%**	**18.7%**	**20.7%**	**47.3%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (24).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (10).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 10% Return on Equity
Compulsory Coverages
Tort Reform with Threshold

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & UM	Compulsory Coverages
Weights							
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	202,614	35,577	238,191	42,292	6,314	48,607	286,798
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	60.2%
Projected Loss Ratios							
(3) Industry - Nova Scotia Projected Loss Ratio	63.6%	87.9%	67.2%	85.8%	72.9%	83.9%	
Credibility							
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	100.0%	100.0%	43.3%	100.0%	
(5) Residual Credibility	0.0%	0.0%	0.0%	0.0%	56.7%	0.0%	
(6) Projected Permissible Loss Ratio	42.4%	66.9%	46.1%	77.6%	60.9%	75.4%	
Indicated Rate Change							
(7) Credibility Weighted Projected Loss Ratio	63.6%	87.9%		85.8%	66.1%		
(8) Current Permissible Loss Ratio	74.1%	66.9%		70.9%	73.0%		
(9) Indicated Rate Level Change	**-14.2%**	**31.5%**	**-7.4%**	**21.0%**	**-9.5%**	**17.0%**	**-3.3%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (25).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (10).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 10% Return on Equity
Compulsory Coverages
Tort Reform without Threshold

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & UM	Compulsory Coverages
Weights							
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	202,614	35,577	238,191	42,292	6,314	48,607	286,798
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	60.2%
Projected Loss Ratios							
(3) Industry - Nova Scotia Projected Loss Ratio	58.0%	87.9%	62.4%	85.8%	70.4%	83.6%	
Credibility							
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	100.0%	100.0%	43.3%	100.0%	
(5) Residual Credibility	0.0%	0.0%	0.0%	0.0%	56.7%	0.0%	
(6) Projected Permissible Loss Ratio	38.3%	66.9%	42.6%	77.6%	58.9%	75.1%	
Indicated Rate Change							
(7) Credibility Weighted Projected Loss Ratio	58.0%	87.9%		85.8%	63.9%		
(8) Current Permissible Loss Ratio	74.1%	66.9%		70.9%	73.0%		
(9) Indicated Rate Level Change	**-21.8%**	**31.5%**	**-13.9%**	**21.0%**	**-12.5%**	**16.6%**	**-8.7%**

Notes:

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(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (26).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (10).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 5% Return on Equity
Optional Coverages
Current System

	Collision	Comp.	Specified Perils	All Perils	Underinsured Motorist	Optional Coverages	Compulsory Coverages	Total
Weights								
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	96,169	61,070	495	21,572	10,208	189,515	286,798	476,312
(2) Current Level Premium Distribution	20.2%	12.8%	0.1%	4.5%	2.1%	39.8%	60.2%	100%
Projected Loss Ratios								
(3) Industry - Nova Scotia Projected Loss Ratio	43.1%	46.3%	49.4%	38.6%	22.4%			
Credibility								
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	66.7%	100.0%	15.8%			
(5) Residual Credibility	0.0%	0.0%	33.3%	0.0%	84.2%			
(6) Projected Permissible Loss Ratio	66.1%	67.3%	67.3%	65.9%	88.4%			
Indicated Rate Change								
(7) Credibility Weighted Projected Loss Ratio	43.1%	46.3%	55.4%	38.6%	77.9%			
(8) Current Permissible Loss Ratio	70.5%	70.6%	70.6%	70.5%	81.7%			
(9) Indicated Rate Level Change	**-38.8%**	**-34.5%**	**-21.6%**	**-45.2%**	**-4.6%**	**-36.2%**	**38.7%**	**8.9%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (21).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (9).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 5% Return on Equity
Optional Coverages
Tort Reform with Threshold

	Collision	Comp.	Specified Perils	All Perils	Underinsured Motorist	Optional Coverages	Compulsory Coverages	Total
Weights								
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	96,169	61,070	495	21,572	10,208	189,515	286,798	476,312
(2) Current Level Premium Distribution	20.2%	12.8%	0.1%	4.5%	2.1%	39.8%	60.2%	100%
Projected Loss Ratios								
(3) Industry - Nova Scotia Projected Loss Ratio	43.1%	46.3%	49.4%	38.6%	11.8%			
Credibility								
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	66.7%	100.0%	15.8%			
(5) Residual Credibility	0.0%	0.0%	33.3%	0.0%	84.2%			
(6) Projected Permissible Loss Ratio	66.1%	67.3%	67.3%	65.9%	46.4%			
Indicated Rate Change								
(7) Credibility Weighted Projected Loss Ratio	43.1%	46.3%	55.4%	38.6%	40.9%			
(8) Current Permissible Loss Ratio	70.5%	70.6%	70.6%	70.5%	81.7%			
(9) **Indicated Rate Level Change**	**-38.8%**	**-34.5%**	**-21.6%**	**-45.2%**	**-49.9%**	**-38.7%**	**-8.9%**	**-20.8%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (22).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (9).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 5% Return on Equity

Optional Coverages

Tort Reform without Threshold

	Collision	Comp.	Specified Perils	All Perils	Underinsured Motorist	Optional Coverages	Compulsory Coverages	Total
Weights								
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	96,169	61,070	495	21,572	10,208	189,515	286,798	476,312
(2) Current Level Premium Distribution	20.2%	12.8%	0.1%	4.5%	2.1%	39.8%	60.2%	100%
Projected Loss Ratios								
(3) Industry - Nova Scotia Projected Loss Ratio	43.1%	46.3%	49.4%	38.6%	10.6%			
Credibility								
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	66.7%	100.0%	15.8%			
(5) Residual Credibility	0.0%	0.0%	33.3%	0.0%	84.2%			
(6) Projected Permissible Loss Ratio	66.1%	67.3%	67.3%	65.9%	41.9%			
Indicated Rate Change								
(7) Credibility Weighted Projected Loss Ratio	43.1%	46.3%	55.4%	38.6%	36.9%			
(8) Current Permissible Loss Ratio	70.5%	70.6%	70.6%	70.5%	81.7%			
(9) Indicated Rate Level Change	**-38.8%**	**-34.5%**	**-21.6%**	**-45.2%**	**-54.8%**	**-38.9%**	**-14.0%**	**-23.9%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (23).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (9).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 10% Return on Equity
Optional Coverages
Current System

	Collision	Comp.	Specified Perils	All Perils	Underinsured Motorist	Optional Coverages	Compulsory Coverages	Total
Weights								
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	96,169	61,070	495	21,572	10,208	189,515	286,798	476,312
(2) Current Level Premium Distribution	20.2%	12.8%	0.1%	4.5%	2.1%	39.8%	60.2%	100%
Projected Loss Ratios								
(3) Industry - Nova Scotia Projected Loss Ratio	43.1%	46.3%	49.4%	38.6%	22.4%			
Credibility								
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	66.7%	100.0%	15.8%			
(5) Residual Credibility	0.0%	0.0%	33.3%	0.0%	84.2%			
(6) Projected Permissible Loss Ratio	62.2%	63.3%	63.3%	62.0%	83.2%			
Indicated Rate Change								
(7) Credibility Weighted Projected Loss Ratio	43.1%	46.3%	54.1%	38.6%	73.5%			
(8) Current Permissible Loss Ratio	66.3%	66.5%	66.5%	66.3%	76.9%			
(9) Indicated Rate Level Change	**-34.9%**	**-30.4%**	**-18.6%**	**-41.8%**	**-4.4%**	**-32.6%**	**47.3%**	**15.5%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (24).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (10).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 10% Return on Equity
Optional Coverages
Tort Reform with Threshold

	Collision	Comp.	Specified Perils	All Perils	Underinsured Motorist	Optional Coverages	Compulsory Coverages	Total
Weights								
(1) Industry - Nova Scotia 2002 Current Rate Level Premium	96,169	61,070	495	21,572	10,208	189,515	286,798	476,312
(2) Current Level Premium Distribution	20.2%	12.8%	0.1%	4.5%	2.1%	39.8%	60.2%	100%
Projected Loss Ratios								
(3) Industry - Nova Scotia Projected Loss Ratio	43.1%	46.3%	49.4%	38.6%	11.8%			
Credibility								
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	66.7%	100.0%	15.8%			
(5) Residual Credibility	0.0%	0.0%	33.3%	0.0%	84.2%			
(6) Projected Permissible Loss Ratio	62.2%	63.3%	63.3%	62.0%	43.7%			
Indicated Rate Change								
(7) Credibility Weighted Projected Loss Ratio	43.1%	46.3%	54.1%	38.6%	38.6%			
(8) Current Permissible Loss Ratio	66.3%	66.5%	66.5%	66.3%	76.9%			
(9) Indicated Rate Level Change	**-34.9%**	**-30.4%**	**-18.6%**	**-41.8%**	**-49.8%**	**-35.0%**	**-3.3%**	**-15.9%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (25).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (10).
(9) = [(7) / (8) - 1].

Indicated Rate Level Change assuming 10% Return on Equity
Optional Coverages
Tort Reform without Threshold

	Collision	Comp.	Specified Perils	All Perils	Underinsured Motorist	Optional Coverages	Compulsory Coverages	Total
Weights								
(1) Industry - Nova Scotia 2002 Current Rate Level Premium ($000)	96,169	61,070	495	21,572	10,208	189,515	286,798	476,312
(2) Current Level Premium Distribution	20.2%	12.8%	0.1%	4.5%	2.1%	39.8%	60.2%	100%
Projected Loss Ratios								
(3) Industry - Nova Scotia Projected Loss Ratio	43.1%	46.3%	49.4%	38.6%	10.6%			
Credibility								
(4) Credibility Assigned to Industry - Nova Scotia Experience	100.0%	100.0%	66.7%	100.0%	15.8%			
(5) Residual Credibility	0.0%	0.0%	33.3%	0.0%	84.2%			
(6) Projected Permissible Loss Ratio	62.2%	63.3%	63.3%	62.0%	39.4%			
Indicated Rate Change								
(7) Credibility Weighted Projected Loss Ratio	43.1%	46.3%	54.1%	38.6%	34.9%			
(8) Current Permissible Loss Ratio	66.3%	66.5%	66.5%	66.3%	76.9%			
(9) Indicated Rate Level Change	**-34.9%**	**-30.4%**	**-18.6%**	**-41.8%**	**-54.7%**	**-35.3%**	**-8.7%**	**-19.3%**

Notes:

(1)&(3) From Appendix E, Sheet 8a to Sheet 8f, Column (2) & Row (13) respectively.
(2) = [(1) / (1) Total].
(4) From Appendix E, Sheet 7a to Sheet 7f, Row (16) & (18).
(5) = [1 - (4)].
(6) From Appendix E, Sheet 5, Line (26).
(7) = [(3) x (4) + (5) x (6)].
(8) From Appendix E, Sheet 5, Line (10).
(9) = [(7) / (8) - 1].

Permissible Loss Ratio

	Third Party Liability - Bodily Injury	Third Party Liability - PD	Third Party Liability	Accident Benefits	Uninsured Automobile	Accident Benefits & Uninsured Automobile	Collision	Comp. & Specified Perils	All Perils	Underinsured Motorist	Total
Weights											
(1) Industry - Nova Scotia 2002 Earned Premiums at Current Level ($000)	202,614	35,577	238,191	42,292	6,314	48,607	96,169	61,565	21,572	10,208	476,312
(2) Current Level Premium Distribution	42.5%	7.5%	50.0%	8.9%	1.3%	10.2%	20.2%	12.9%	4.5%	2.1%	100.0%
Premium Expenses											
(3) Acquisition Expenses	13.2%	13.2%		13.2%	13.2%		13.2%	13.2%	13.2%	13.2%	13.2%
(4) Taxes, Licenses & Fees	4.0%	4.0%		4.0%	4.0%		4.0%	4.0%	4.0%	4.0%	4.0%
(5) General Expenses	9.8%	9.8%		9.8%	9.8%		9.8%	9.8%	9.8%	9.8%	9.8%
(6) Total	27.0%	27.0%		27.0%	27.0%		27.0%	27.0%	27.0%	27.0%	27.0%
Current Permissible Loss Ratio											
(7) Underwriting Margin assuming 5% Return on Equity	-5.8%	+1.9%		-2.4%	-4.6%		+2.5%	+2.4%	+2.5%	-8.7%	-1.8%
(8) Underwriting Margin assuming 10% Return on Equity	-1.1%	+6.1%		+2.1%	-0.0%		+6.7%	+6.5%	+6.7%	-3.9%	+2.6%
(9) Permissible Loss Ratio assuming 5% Return on Equity	78.8%	71.1%		75.4%	77.6%		70.5%	70.6%	70.5%	81.7%	74.8%
(10) Permissible Loss Ratio assuming 10% Return on Equity	74.1%	66.9%		70.9%	73.0%		66.3%	66.5%	66.3%	76.9%	70.4%
Net Trend Factor											
(11) Selected Annual Trend	8.0%	0.0%		8.0%	8.0%		3.0%	2.0%	2.0%	8.0%	
(12) Premium Limit Drift Factor	0.3%	0.0%		0.0%	0.0%		0.0%	0.0%	0.0%	1.0%	
(13) Rate Group Drift Factor	0.0%	0.0%		0.0%	0.0%		8.8%	6.3%	8.0%	0.0%	
(14) Net Annual Trend Factor	1.077	1.000		1.080	1.080		0.946	0.960	0.945	1.069	
(15) Prior Filing Effective Date											Jul-1-2002
(16) Effective Date of Renewal Rates											Sep-1-2003
(17) Time Span from Prior Filing to New Rates											1.17
(18) Net Trend	1.090	1.000		1.094	1.094		0.938	0.953	0.936	1.081	
(19) Impact of Tort Reform with Threshold	0.525	1.000		1.000	0.763		1.000	1.000	1.000	0.525	0.785
(20) Impact of Tort Reform without Threshold	0.474	1.000		1.000	0.737		1.000	1.000	1.000	0.474	0.761
Projected Permissible Loss Ratio											
Assuming 5% Return on Equity											
(21) Without Tort Reform	85.9%	71.1%		82.4%	84.9%		66.1%	67.3%	65.9%	88.4%	77.2%
(22) Impact of Tort Reform with Threshold	45.1%	71.1%		82.4%	64.7%		66.1%	67.3%	65.9%	46.4%	58.7%
(23) Impact of Tort Reform without Threshold	40.7%	71.1%		82.4%	62.6%		66.1%	67.3%	65.9%	41.9%	56.7%
Assuming 10% Return on Equity											
(24) Without Tort Reform	80.8%	66.9%		77.6%	79.9%		62.2%	63.3%	62.0%	83.2%	72.6%
(25) Impact of Tort Reform with Threshold	42.4%	66.9%		77.6%	60.9%		62.2%	63.3%	62.0%	43.7%	55.2%
(26) Impact of Tort Reform without Threshold	38.3%	66.9%		77.6%	58.9%		62.2%	63.3%	62.0%	39.4%	53.3%

Notes:

(1) From Appendix E, Sheet 7a to Sheet 7f, Column (4).
(2) = [(1) / (1) Total].
(3),(4)&(5) Premium Expenses based on Industry experience.
(6) = [(3) + (4) + (5)].
(7)&(8) See Appendix E, Sheet 6a & Sheet 6b for sample calculation.
(9) = [1 - (6) - (7)].
(10) = [1 - (6) - (8)].
(11) From Appendix D, Sheet 1 to Sheet 9.
(12) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
(13) From Appendix E, Sheet 10, Column (12).
(14) = [1 + (11)] / { [1 + (13)] x [1 + (12)] }.
(15) Estimated average date that insurance companies last took rate increases before December 31, 2002.
(18) = [(14) ^ (17)].
(19)&(20) From Exhibit III, Columns (8) and (9) respectively.
(21) = [(9) x (18)].
(22) = [(9) x (18) x (19)].
(23) = [(10) x (18)].
(24) = [(2) x x].

Sample Calculation of the Target Underwriting Margin assuming 5% Return on Equity
Third Party Liability - Bodily Injury

				Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Present Value (14)
Income															
(1) Projected Written Premiums			100,000												
(2) Less Commission	13.20%		13,200												
(3) Less Premium Tax	4.00%		4,000												
(4) Less Profit Provision	2.43%		2,425												
(5) Premiums Receivable			80,375												
(6) Premiums Received		Year 1	80.00%	64,300											64,300
		Year 2	20.00%		16,075										15,801
		Total	100.00%	64,300	16,075	0	0	0	0	0	0	0	0	0	80,101
Outgo															
			Payment Pattern (13)												
(7) Underwriting Margin	-5.79%														
(8) Permissible Loss Ratio	78.79%														
		Year 1	4.91%	3,868											3,868
(9) Loss & ALAE Paid	78,791	Year 2	17.86%		14,075										13,599
		Year 3	21.72%			17,117									15,979
		Year 4	16.55%				13,042								11,763
		Year 5	11.60%					9,139							7,965
		Year 6	8.72%						6,869						5,784
		Year 7	7.57%							5,962					4,850
		Year 8	3.91%								3,083				2,423
		Year 9	3.06%									2,414			1,833
		Year 10	1.92%										1,511		1,109
		Year 11	2.17%											1,710	1,212
		Total	100.00%	3,868	14,075	17,117	13,042	9,139	6,869	5,962	3,083	2,414	1,511	1,710	70,385
(10) Operating Expense Ratio	9.80%														
(11) Operating Expenses Paid	$9,800	Year 1	50.00%	4,900											4,900
		Year 2	50.00%		4,900										4,816
		Total	100.00%	4,900	4,900	0	0	0	0	0	0	0	0	0	9,716
(12) **Income - Outgo**				*55,532*	*-2,900*	*-17,117*	*-13,042*	*-9,139*	*-6,869*	*-5,962*	*-3,083*	*-2,414*	*-1,511*	*-1,710*	*0*

Discount Rate: 3.5%

Additional Yield: 0.00%
Indicated u/w Margin: -5.79%

Row Notes:

(1) Assumed $100,000 of premiums for calculation purpose.
(2) From Appendix E, Sheet 5, Row (3).
(3) From Appendix E, Sheet 5, Rows (4).
(4) = { [After-tax ROE / (1 - Investment tax rate)] - Interest rate } / Premium to surplus; where After-tax ROE = 5%; Inv. tax rate = 40.1% ; Premium to surplus = 2.0; Int. rate = 3.5%.
(5) = [(1) - (2) - (3) - (4)].
(6) [1 - Average Delay in Broker Billed and Installment Policies], assumed to be 20%.
(7) Obtained by iteration.
(8) = [1 - (2) - (3) - (7) - (10)].
(9) = [(1) x (8)].
(10) From Appendix E, Sheet 5, Row (5).
(11) = [(1) x (10)].

Column Notes:

(13) Incremental payment patterns based on industry data; See Appendix F.
(14) PV of amount to the middle of the first year.

Sample Calculation of the Target Underwriting Margin assuming 10% Return on Equity
Third Party Liability - Bodily Injury

				Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Present Value (14)
Income															
(1) Projected Written Premiums			100,000												
(2) Less Commission	13.20%		13,200												
(3) Less Premium Tax	4.00%		4,000												
(4) Less Profit Provision	6.60%		6,600												
(5) Premiums Receivable			76,200												
(6) Premiums Received		Year 1	80.00%	60,960											60,960
		Year 2	20.00%		15,240										14,980
		Total	100.00%	60,960	15,240	0	0	0	0	0	0	0	0	0	75,940
Outgo															
			Payment Pattern (13)												
(7) Underwriting Margin	-1.13%														
(8) Permissible Loss Ratio	74.13%														
(9) Loss & ALAE Paid	74,132	Year 1	4.91%	3,639											3,639
		Year 2	17.86%		13,243										12,795
		Year 3	21.72%			16,105									15,034
		Year 4	16.55%				12,271								11,068
		Year 5	11.60%					8,599							7,493
		Year 6	8.72%						6,463						5,442
		Year 7	7.57%							5,610					4,564
		Year 8	3.91%								2,901				2,280
		Year 9	3.06%									2,271			1,725
		Year 10	1.92%										1,422		1,043
		Year 11	2.17%											1,609	1,141
		Total	100.00%	3,639	13,243	16,105	12,271	8,599	6,463	5,610	2,901	2,271	1,422	1,609	66,224
(10) Operating Expense Ratio	9.80%														
(11) Operating Expenses Paid	$9,800	Year 1	50.00%	4,900											4,900
		Year 2	50.00%		4,900										4,816
		Total	100.00%	4,900	4,900	0	0	0	0	0	0	0	0	0	9,716
(12) **Income - Outgo**				*52,421*	*-2,903*	*-16,105*	*-12,271*	*-8,599*	*-6,463*	*-5,610*	*-2,901*	*-2,271*	*-1,422*	*-1,609*	*0*

Discount Rate: 3.5%

Additional Yield: 0.00%
Indicated u/w Margin: -1.13%

Row Notes:

(1) Assumed $100,000 of premiums for calculation purpose.
(2) From Appendix E, Sheet 5, Row (3).
(3) From Appendix E, Sheet 5, Rows (4).
(4) = { [After-tax ROE / (1 - Investment tax rate)] - Interest rate } / Premium to surplus; where After-tax ROE = 10%; Inv. tax rate = 40.1% ; Premium to surplus = 2.0; Int. rate = 3.5%.
(5) = [(1) - (2) - (3) - (4)].
(6) [1 - Average Delay in Broker Billed and Installment Policies], assumed to be 20%.
(7) Obtained by iteration.
(8) = [1 - (2) - (3) - (7) - (10)].
(9) = [(1) x (8)].
(10) From Appendix E, Sheet 5, Row (5).
(11) = [(1) x (10)].

Column Notes:

(13) Incremental payment patterns based on industry data; See Appendix F.
(14) PV of amount to the middle of the first year.

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Appendix E
Sheet 7a

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

										Current System			
Accident Year	Earned Premiums ($000)	Premium On-level Factor	Earned Premiums at Current Level ($000)	Drift Factor	EP at Current Level Adjusted for Drift ($000)	Ultimate Losses & ALAE ($000)	Trend Factor	ULAE Loading Factor	Health Levy ($000)	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Accident Year Weight	Ultimate Number of Claims
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Third Party Liability - Bodily Injury													
1997	102,486	1.815	186,036	1.022	190,073	100,464	1.737	1.081	10,668	199,321	104.9%	0.0%	2,902
1998	105,037	1.805	189,563	1.019	193,098	112,436	1.608	1.094	10,871	208,716	108.1%	10.0%	3,038
1999	103,186	1.821	187,904	1.016	190,835	133,264	1.489	1.088	10,775	226,709	118.8%	15.0%	3,354
2000	107,697	1.812	195,152	1.013	197,603	152,310	1.379	1.082	11,191	238,398	120.6%	20.0%	3,577
2001	124,092	1.610	199,771	1.010	201,675	166,579	1.277	1.065	11,456	237,925	118.0%	25.0%	3,713
2002	157,462	1.278	201,303	1.007	202,614	171,745	1.182	1.065	11,544	227,742	112.4%	30.0%	3,534
Total	699,960		1,159,729		1,175,896	836,798				1,338,811		100.0%	20,118
(15) Industry - Nova Scotia Projected Loss Ratio:											116.0%		
(16) Credibility Assigned to Industry - Nova Scotia Experience:													100.0%
Third Party Liability - PD													
1997	18,086	1.818	32,879	1.000	32,879	24,756	1.000	1.081	0	26,762	81.4%	0.0%	10,051
1998	18,536	1.807	33,503	1.000	33,503	25,442	1.000	1.094	0	27,833	83.1%	10.0%	9,976
1999	18,209	1.824	33,209	1.000	33,209	27,529	1.000	1.088	0	29,951	90.2%	15.0%	10,129
2000	19,005	1.815	34,490	1.000	34,490	28,726	1.000	1.082	0	31,082	90.1%	20.0%	10,373
2001	21,899	1.612	35,306	1.000	35,306	31,037	1.000	1.065	0	33,054	93.6%	25.0%	10,543
2002	27,787	1.280	35,577	1.000	35,577	27,487	1.000	1.065	0	29,274	82.3%	30.0%	9,314
Total	123,522		204,965		204,965	164,977				177,956		100.0%	60,385
(17) Industry - Nova Scotia Projected Loss Ratio:											87.9%		
(18) Credibility Assigned to Industry - Nova Scotia Experience:													100.0%

Notes:

(2) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
TPL Earned Premiums are split between BI (85%) & PD (15%) for all accident years based on a review of average premiums industry split.
(3) From Appendix E, Sheet 9a to Sheet 9c, Column (8).
(4) = [(2) x (3)].
(5) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
Coll., Comp., SP, AP: Rate Group Drift from Appendix E, Sheet 10, Section B.
(6) = [(4) x (5)].
(7)&(14) From Appendix C, Sheet 1 to Sheet 9, Columns (2) & (3).
(8) Selected trend rate from Appendix D, Sheet 1 to Sheet 9; Trending from average accident date to September 1, 2004.
(9) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(10) Applies to BI only; = { [25.00 (From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia)] x [Earned Exposures] }.
(11) = [(7) x (8) x (9) + (10)].
(12) = [(11) / (6)].
(13) Judgmentally Selected.
(15)&(17) Without Tort Reform: Sum [(12) x (13)].
(16)&(18) Square root [{ Total 1998 to 2002 } ÷ F.C.S.], capped at 100%.
Full Credibility Standard: 4,330 for BI, AB, UA & UM ;
1,082 for PD, Coll., Comp., AP & SP.

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

										Current System			
Accident Year (1)	Earned Premiums ($000) (2)	Premium On-level Factor (3)	Earned Premiums at Current Level ($000) (4)	Drift Factor (5)	EP at Current Level Adjusted for Drift ($000) (6)	Ultimate Losses & ALAE ($000) (7)	Trend Factor (8)	ULAE Loading Factor (9)	Health Levy ($000) (10)	Trended Ultimate Losses & LAE ($000) (11)	Loss Ratio (12)	Accident Year Weight (13)	Ultimate Number of Claims (14)
Third Party Liability*													
1997	120,572		218,915		222,952	125,220			10,668	226,082	101.4%	0.0%	12,953
1998	123,573		223,066		226,600	137,878			10,871	236,549	104.4%	10.0%	13,014
1999	121,395		221,113		224,044	160,793			10,775	256,661	114.6%	15.0%	13,482
2000	126,703		229,642		232,093	181,037			11,191	269,479	116.1%	20.0%	13,950
2001	145,991		235,077		236,981	197,615			11,456	270,979	114.3%	25.0%	14,256
2002	185,249		236,880		238,191	199,233			11,544	257,016	107.9%	30.0%	12,848
Total	823,482		1,364,694		1,380,861	1,001,775			66,505	1,516,767		100.0%	80,503

(15) Industry - Nova Scotia Projected Loss Ratio: 111.8%
(16) Credibility Assigned to Industry - Nova Scotia Experience: 100.0%

Accident Year (1)	Earned Premiums ($000) (2)	Premium On-level Factor (3)	Earned Premiums at Current Level ($000) (4)	Drift Factor (5)	EP at Current Level Adjusted for Drift ($000) (6)	Ultimate Losses & ALAE ($000) (7)	Trend Factor (8)	ULAE Loading Factor (9)	Health Levy ($000) (10)	Trended Ultimate Losses & LAE ($000) (11)	Loss Ratio (12)	Accident Year Weight (13)	Ultimate Number of Claims (14)
Accident Benefits													
1997	21,344	1.840	39,271	1.000	39,271	14,788	1.737	1.081	0	27,770	70.7%	0.0%	4,418
1998	22,137	1.805	39,950	1.000	39,950	17,139	1.608	1.094	0	30,158	75.5%	10.0%	4,636
1999	22,038	1.791	39,476	1.000	39,476	21,786	1.489	1.088	0	35,301	89.4%	15.0%	5,192
2000	23,154	1.770	40,992	1.000	40,992	26,881	1.379	1.082	0	40,099	97.8%	20.0%	5,565
2001	26,351	1.593	41,985	1.000	41,985	27,384	1.277	1.065	0	37,230	88.7%	25.0%	5,364
2002	33,124	1.277	42,292	1.000	42,292	25,846	1.182	1.065	0	32,536	76.9%	30.0%	4,968
Total	148,149		243,967		243,967	133,824				203,093		100.0%	30,143

(17) Industry - Nova Scotia Projected Loss Ratio: 85.8%
(18) Credibility Assigned to Industry - Nova Scotia Experience: 100.0%

Notes:

(2) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(3) From Appendix E, Sheet 9a to Sheet 9c, Column (8).
(4) = [(2) x (3)].
(5) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
Coll., Comp., SP, AP: Rate Group Drift from Appendix E, Sheet 10, Section B.
(6) = [(4) x (5)].
(7)&(14) From Appendix C, Sheet 1 to Sheet 9, Columns (2) & (3).
(8) Selected trend rate from Appendix D, Sheet 1 to Sheet 9; Trending from average accident date to September 1, 2004.
(9) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(10) Applies to BI only; ={ [25.00 (From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia)] x [Earned Exposures] }.
(11) = [(7) x (8) x (9) + (10)].

(12) = [(11) / (6)].
(13) Judgmentally Selected.
(15)&(17) Without Tort Reform: Sum [(12) x (13)].
(16)&(18) Square root [{ Total 1998 to 2002 } ÷ F.C.S.], capped at 100%.
Full Credibility Standard: 4,330 for BI, AB, UA & UM ;
1,082 for PD, Coll., Comp., AP & SP.

* Third Party Liability: [Third Party Liability - Bodily Injury] + [Third Party Liability - PD].

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

Accident Year (1)	Earned Premiums ($000) (2)	Premium On-level Factor (3)	Earned Premiums at Current Level ($000) (4)	Drift Factor (5)	EP at Current Level Adjusted for Drift ($000) (6)	Ultimate Losses & ALAE ($000) (7)	Trend Factor (8)	ULAE Loading Factor (9)	Health Levy ($000) (10)	Current System Trended Ultimate Losses & LAE ($000) (11)	Current System Loss Ratio (12)	Accident Year Weight (13)	Ultimate Number of Claims (14)
Uninsured Automobile													
1997	2,801	1.590	4,454	1.000	4,454	3,627	1.737	1.081	0	6,811	152.9%	0.0%	224
1998	3,634	1.563	5,680	1.000	5,680	3,290	1.608	1.094	0	5,789	101.9%	20.0%	134
1999	3,765	1.601	6,029	1.000	6,029	3,372	1.489	1.088	0	5,464	90.6%	20.0%	160
2000	4,289	1.495	6,415	1.000	6,415	4,613	1.379	1.082	0	6,881	107.3%	20.0%	175
2001	4,630	1.390	6,434	1.000	6,434	4,693	1.277	1.065	0	6,380	99.2%	20.0%	192
2002	5,158	1.224	6,314	1.000	6,314	3,949	1.182	1.065	0	4,972	78.7%	20.0%	150
Total	24,277		35,326		35,326	23,544				36,297		100.0%	1,034

(15) Industry - Nova Scotia Projected Loss Ratio: 95.5%
(16) Credibility Assigned to Industry - Nova Scotia Experience: 43.3%

Accident Year (1)	Earned Premiums ($000) (2)	Premium On-level Factor (3)	Earned Premiums at Current Level ($000) (4)	Drift Factor (5)	EP at Current Level Adjusted for Drift ($000) (6)	Ultimate Losses & ALAE ($000) (7)	Trend Factor (8)	ULAE Loading Factor (9)	Health Levy ($000) (10)	Current System Trended Ultimate Losses & LAE ($000) (11)	Current System Loss Ratio (12)	Accident Year Weight (13)	Ultimate Number of Claims (14)
Accident Benefits & Uninsured Automobile*													
1997	24,145		43,725		43,725	18,415			0	34,580	79.1%	0.0%	4,642
1998	25,771		45,630		45,630	20,429			0	35,947	78.8%	10.0%	4,770
1999	25,803		45,506		45,506	25,158			0	40,765	89.6%	15.0%	5,352
2000	27,444		47,407		47,407	31,494			0	46,980	99.1%	20.0%	5,740
2001	30,981		48,419		48,419	32,077			0	43,610	90.1%	25.0%	5,555
2002	38,282		48,607		48,607	29,795			0	37,507	77.2%	30.0%	5,119
Total	172,426		279,294		279,294	157,368			0	239,390		100.0%	31,177

(17) Industry - Nova Scotia Projected Loss Ratio: 86.8%
(18) Credibility Assigned to Industry - Nova Scotia Experience: 100.0%

Notes:

(2) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(3) From Appendix E, Sheet 9a to Sheet 9c, Column (8).
(4) = [(2) x (3)].
(5) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
Coll., Comp., SP, AP: Rate Group Drift from Appendix E, Sheet 10, Section B.
(6) = [(4) x (5)].
(7)&(14) From Appendix C, Sheet 1 to Sheet 9, Columns (2) & (3).
(8) Selected trend rate from Appendix D, Sheet 1 to Sheet 9; Trending from average accident date to September 1, 2004.
(9) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(10) Applies to BI only; ={ [25.00 (From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia)] x [Earned Exposures] }.
(11) = [(7) x (8) x (9) + (10)].
(12) = [(11) / (6)].
(13) Judgmentally Selected.
(15)&(17) Without Tort Reform: Sum [(12) x (13)].
(16)&(18) Square root [{ Total 1998 to 2002 } ÷ F.C.S.], capped at 100%.
Full Credibility Standard: 4,330 for BI, AB, UA & UM ;
1,082 for PD, Coll., Comp., AP & SP.

* Accident Benefits & Uninsured Automobile: [Accident Benefits] + [Uninsured Automobile].

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

										Current System			
Accident Year	Earned Premiums ($000)	Premium On-level Factor	Earned Premiums at Current Level ($000)	Drift Factor	EP at Current Level Adjusted for Drift ($000)	Ultimate Losses & ALAE ($000)	Trend Factor	ULAE Loading Factor	Health Levy ($000)	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Accident Year Weight	Ultimate Number of Claims
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Underinsured Motorist													
1997	7,183	1.244	8,936	1.074	9,597	540	1.737	1.081	0	1,015	10.6%	0.0%	12
1998	7,746	1.190	9,218	1.063	9,802	1,111	1.608	1.094	0	1,955	19.9%	20.0%	8
1999	7,866	1.166	9,174	1.053	9,658	1,210	1.489	1.088	0	1,960	20.3%	20.0%	13
2000	8,165	1.173	9,580	1.042	9,985	2,387	1.379	1.082	0	3,561	35.7%	20.0%	22
2001	8,626	1.143	9,863	1.032	10,178	1,837	1.277	1.065	0	2,497	24.5%	20.0%	25
2002	8,871	1.126	9,990	1.022	10,208	954	1.182	1.065	0	1,201	11.8%	20.0%	41
Total	48,456		56,761		59,428	8,039				12,189		100.0%	121
(15) Industry - Nova Scotia Projected Loss Ratio:											22.4%		
(16) Credibility Assigned to Industry - Nova Scotia Experience:													15.8%
Collision													
1997	53,147	1.318	70,049	1.353	94,745	30,623	1.236	1.081	0	40,925	43.2%	0.0%	9,548
1998	54,090	1.324	71,607	1.313	94,031	28,222	1.200	1.094	0	37,057	39.4%	10.0%	9,462
1999	54,291	1.332	72,341	1.275	92,228	31,984	1.165	1.088	0	40,550	44.0%	15.0%	10,272
2000	58,402	1.318	76,992	1.238	95,298	36,636	1.131	1.082	0	44,843	47.1%	20.0%	11,460
2001	64,838	1.233	79,926	1.219	97,468	36,442	1.098	1.065	0	42,627	43.7%	25.0%	11,183
2002	72,228	1.108	80,044	1.201	96,169	34,554	1.066	1.065	0	39,241	40.8%	30.0%	10,298
Total	356,997		450,959		569,939	198,460				245,243		100.0%	62,223
(17) Industry - Nova Scotia Projected Loss Ratio:											43.1%		
(18) Credibility Assigned to Industry - Nova Scotia Experience:													100.0%

Notes:

(2) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(3) From Appendix E, Sheet 9a to Sheet 9c, Column (8).
(4) = [(2) x (3)].
(5) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
Coll., Comp., SP, AP: Rate Group Drift from Appendix E, Sheet 10, Section B.
(6) = [(4) x (5)].
(7)&(14) From Appendix C, Sheet 1 to Sheet 9, Columns (2) & (3).
(8) Selected trend rate from Appendix D, Sheet 1 to Sheet 9; Trending from average accident date to September 1, 2004.
(9) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(10) Applies to BI only; = { [25.00 (From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia)] x [Earned Exposures] }.
(11) = [(7) x (8) x (9) + (10)].

(12) = [(11) / (6)].
(13) Judgmentally Selected.
(15)&(17) Without Tort Reform: Sum [(12) x (13)].
(16)&(18) Square root [{ Total 1998 to 2002 } ÷ F.C.S.], capped at 100%.
Full Credibility Standard: 4,330 for BI, AB, UA & UM ;
1,082 for PD, Coll., Comp., AP & SP.

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

										Current System	Current System		
Accident Year (1)	Earned Premiums ($000) (2)	Premium On-level Factor (3)	Earned Premiums at Current Level ($000) (4)	Drift Factor (5)	EP at Current Level Adjusted for Drift ($000) (6)	Ultimate Losses & ALAE ($000) (7)	Trend Factor (8)	ULAE Loading Factor (9)	Health Levy ($000) (10)	Trended Ultimate Losses & LAE ($000) (11)	Loss Ratio (12)	Accident Year Weight (13)	Ultimate Number of Claims (14)
Comprehensive													
1997	38,392	1.263	48,503	1.285	62,330	21,577	1.153	1.081	0	26,886	43.1%	0.0%	28,311
1998	38,394	1.287	49,425	1.248	61,665	22,483	1.130	1.094	0	27,795	45.1%	10.0%	27,126
1999	38,403	1.283	49,257	1.211	59,666	24,121	1.108	1.088	0	29,075	48.7%	15.0%	28,705
2000	40,704	1.273	51,814	1.176	60,935	26,482	1.086	1.082	0	31,122	51.1%	20.0%	28,564
2001	44,238	1.205	53,318	1.159	61,778	26,137	1.065	1.065	0	29,641	48.0%	25.0%	27,032
2002	47,845	1.118	53,498	1.142	61,070	22,429	1.044	1.065	0	24,937	40.8%	30.0%	22,957
Total	247,976		305,815		367,445	143,229				169,457		100.0%	162,694

(15) Industry - Nova Scotia Projected Loss Ratio: 46.3%
(16) Credibility Assigned to Industry - Nova Scotia Experience: 100.0%

All Perils													
1997	11,731	1.304	15,296	1.330	20,344	5,763	1.153	1.081	0	7,181	35.3%	0.0%	3,439
1998	11,914	1.316	15,677	1.291	20,244	6,060	1.130	1.094	0	7,493	37.0%	10.0%	3,329
1999	12,386	1.330	16,468	1.254	20,647	7,384	1.108	1.088	0	8,901	43.1%	15.0%	3,670
2000	12,779	1.312	16,765	1.217	20,407	7,282	1.086	1.082	0	8,558	41.9%	20.0%	3,586
2001	14,155	1.249	17,676	1.199	21,197	6,947	1.065	1.065	0	7,878	37.2%	25.0%	3,379
2002	16,113	1.133	18,258	1.181	21,572	6,958	1.044	1.065	0	7,736	35.9%	30.0%	3,003
Total	79,077		100,141		124,411	40,395				47,747		100.0%	20,407

(17) Industry - Nova Scotia Projected Loss Ratio: 38.6%
(18) Credibility Assigned to Industry - Nova Scotia Experience: 100.0%

Notes:

(2) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(3) From Appendix E, Sheet 9a to Sheet 9c, Column (8).
(4) = [(2) x (3)].
(5) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
Coll., Comp., SP, AP: Rate Group Drift from Appendix E, Sheet 10, Section B.
(6) = [(4) x (5)].
(7)&(14) From Appendix C, Sheet 1 to Sheet 9, Columns (2) & (3).
(8) Selected trend rate from Appendix D, Sheet 1 to Sheet 9; Trending from average accident date to September 1, 2004.
(9) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(10) Applies to BI only; ={ [25.00 (From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia)] x [Earned Exposures] }.
(11) = [(7) x (8) x (9) + (10)].
(12) = [(11) / (6)].
(13) Judgmentally Selected.
(15)&(17) Without Tort Reform: Sum [(12) x (13)].
(16)&(18) Square root [{ Total 1998 to 2002 } ÷ F.C.S.], capped at 100%.
Full Credibility Standard: 4,330 for BI, AB, UA & UM ;
1,082 for PD, Coll., Comp., AP & SP.

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

										Current System			
Accident Year (1)	Earned Premiums ($000) (2)	Premium On-level Factor (3)	Earned Premiums at Current Level ($000) (4)	Drift Factor (5)	EP at Current Level Adjusted for Drift ($000) (6)	Ultimate Losses & ALAE ($000) (7)	Trend Factor (8)	ULAE Loading Factor (9)	Health Levy ($000) (10)	Trended Ultimate Losses & LAE ($000) (11)	Loss Ratio (12)	Accident Year Weight (13)	Ultimate Number of Claims (14)
Specified Perils													
1997	467	1.293	604	1.285	776	231	1.153	1.081	0	288	37.1%	0.0%	93
1998	416	1.327	551	1.248	688	181	1.130	1.094	0	224	32.5%	10.0%	89
1999	358	1.434	513	1.211	621	246	1.108	1.088	0	297	47.8%	15.0%	100
2000	325	1.457	474	1.176	558	236	1.086	1.082	0	277	49.7%	20.0%	113
2001	345	1.323	457	1.159	529	340	1.065	1.065	0	385	72.8%	25.0%	98
2002	380	1.140	434	1.142	495	162	1.044	1.065	0	180	36.3%	30.0%	82
Total	2,292		3,033		3,668	1,395				1,651		100.0%	575

(15) Industry - Nova Scotia Projected Loss Ratio:	49.4%
(16) Credibility Assigned to Industry - Nova Scotia Experience:	66.7%

Notes:

(2) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(3) From Appendix E, Sheet 9a to Sheet 9c, Column (8).
(4) = [(2) x (3)].
(5) Limit Drift judgmentally selected: BI: 0.3% & UM: 1.0%.
Coll., Comp., SP, AP: Rate Group Drift from Appendix E, Sheet 10, Section B.
(6) = [(4) x (5)].
(7)&(14) From Appendix C, Sheet 1 to Sheet 9, Columns (2) & (3).
(8) Selected trend rate from Appendix D, Sheet 1 to Sheet 9; Trending from average accident date to September 1, 2004.
(9) From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia.
(10) Applies to BI only; ={ [25.00 (From 2002 IBC Automobile Insurance Experience Exhibits for Industry - Nova Scotia)] x [Earned Exposures] }.
(11) = [(7) x (8) x (9) + (10)].

(12) = [(11) / (6)].
(13) Judgmentally Selected.
(15) Without Tort Reform: Sum [(12) x (13)].
(16) Square root [{ Total 1998 to 2002 } ÷ F.C.S.], capped at 100%.
Full Credibility Standard: 4,330 for BI, AB, UA & UM ;
1,082 for PD, Coll., Comp., AP & SP.

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Appendix E
Sheet 8a

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

		Current System		Tort Reform with Threshold			Tort Reform w/out Threshold			
Accident Year	EP at Current Level Adjusted for Drift ($000)	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Accident Year Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Third Party Liability - Bodily Injury										
1997	190,073	199,321	104.9%	0.525	109,711	57.7%	0.474	100,090	52.7%	0.0%
1998	193,098	208,716	108.1%	0.525	114,739	59.4%	0.474	104,649	54.2%	10.0%
1999	190,835	226,709	118.8%	0.525	124,141	65.1%	0.474	113,128	59.3%	15.0%
2000	197,603	238,398	120.6%	0.525	130,475	66.0%	0.474	118,887	60.2%	20.0%
2001	201,675	237,925	118.0%	0.525	130,352	64.6%	0.474	118,802	58.9%	25.0%
2002	202,614	227,742	112.4%	0.525	125,048	61.7%	0.474	114,022	56.3%	30.0%
Total	1,175,896	1,338,811			734,466			669,578		100.0%
	(13) Industry - Nova Scotia Projected Loss Ratio:									
			116.0%			63.6%			58.0%	
Third Party Liability - PD										
1997	32,879	26,762	81.4%	1.000	26,762	81.4%	1.000	26,762	81.4%	0.0%
1998	33,503	27,833	83.1%	1.000	27,833	83.1%	1.000	27,833	83.1%	10.0%
1999	33,209	29,951	90.2%	1.000	29,951	90.2%	1.000	29,951	90.2%	15.0%
2000	34,490	31,082	90.1%	1.000	31,082	90.1%	1.000	31,082	90.1%	20.0%
2001	35,306	33,054	93.6%	1.000	33,054	93.6%	1.000	33,054	93.6%	25.0%
2002	35,577	29,274	82.3%	1.000	29,274	82.3%	1.000	29,274	82.3%	30.0%
Total	204,965	177,956			177,956			177,956		100.0%
	(14) Industry - Nova Scotia Projected Loss Ratio:									
			87.9%			87.9%			87.9%	

Notes:

(2), (3)&(4) From Appendix E, Sheet 7a, Column (6), (11) & (12) respectively.
(5)&(8) From Exhibit III, Sheet 1, Column (8) & (9) respectively.
(6) = { Appendix E, Sheet 7a, [(7) x (8) x (9)] } x (5) + [Appendix E, Sheet 7a, (10)] .
(7) = [(6) / (2)].
(9) = { Appendix E, Sheet 7a, [(7) x (8) x (9)] } x (8) + [Appendix E, Sheet 7a,.(10)] .
(10) = [(9) / (2)].
(11) Selected in Appendix E, Sheet 7a, Column (13).
(13)&(14) Without Tort Reform equals Sum [(4) x (11)]; Tort Reform with Threshold equals Sum [(7) x (11)]; Tort Reform w/out Threshold equals Sum [(10) x (11)].

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Appendix E
Sheet 8b

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

		Current System		Tort Reform with Threshold			Tort Reform w/out Threshold			
Accident Year (1)	EP at Current Level Adjusted for Drift ($000) (2)	Trended Ultimate Losses & LAE ($000) (3)	Loss Ratio (4)	Impact of Tort Reform (5)	Trended Ultimate Losses & LAE ($000) (6)	Loss Ratio (7)	Impact of Tort Reform (8)	Trended Ultimate Losses & LAE ($000) (9)	Loss Ratio (10)	Accident Year Weight (11)
Third Party Liability*										
1997	222,952	226,082	101.4%		136,472	61.2%		126,851	56.9%	0.0%
1998	226,600	236,549	104.4%		142,573	62.9%		132,483	58.5%	10.0%
1999	224,044	256,661	114.6%		154,092	68.8%		143,079	63.9%	15.0%
2000	232,093	269,479	116.1%		161,556	69.6%		149,969	64.6%	20.0%
2001	236,981	270,979	114.3%		163,406	69.0%		151,857	64.1%	25.0%
2002	238,191	257,016	107.9%		154,322	64.8%		143,295	60.2%	30.0%
Total	1,380,861	1,516,767			912,421			847,534		100.0%
(13) Industry - Nova Scotia Projected Loss Ratio:			111.8%			67.2%			62.4%	
Accident Benefits										
1997	39,271	27,770	70.7%	1.000	27,770	70.7%	1.000	27,770	70.7%	0.0%
1998	39,950	30,158	75.5%	1.000	30,158	75.5%	1.000	30,158	75.5%	10.0%
1999	39,476	35,301	89.4%	1.000	35,301	89.4%	1.000	35,301	89.4%	15.0%
2000	40,992	40,099	97.8%	1.000	40,099	97.8%	1.000	40,099	97.8%	20.0%
2001	41,985	37,230	88.7%	1.000	37,230	88.7%	1.000	37,230	88.7%	25.0%
2002	42,292	32,536	76.9%	1.000	32,536	76.9%	1.000	32,536	76.9%	30.0%
Total	243,967	203,093			203,093			203,093		100.0%
(14) Industry - Nova Scotia Projected Loss Ratio:			85.8%			85.8%			85.8%	

Notes:

(2), (3)&(4) From Appendix E, Sheet 7b, Column (6), (11) & (12) respectively.
(5)&(8) From Exhibit III, Sheet 1, Column (8) & (9) respectively.
(6) = { Appendix E, Sheet 7b, [(7) x (8) x (9)] } x (5) + [Appendix E, Sheet 7b, (10)] .
(7) = [(6) / (2)].
(9) = { Appendix E, Sheet 7b, [(7) x (8) x (9)] } x (8) + [Appendix E, Sheet 7b, (10)] .
(10) = [(9) / (2)].
(11) Selected in Appendix E, Sheet 7b, Column (13).
(13)&(14) Without Tort Reform equals Sum [(4) x (11)]; Tort Reform with Threshold equals Sum [(7) x (11)]; Tort Reform w/out Threshold equals Sum [(10) x (11)].

* Third Party Liability: [Third Party Liability - Bodily Injury] + [Third Party Liability - PD].

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

		Current System		Tort Reform with Threshold			Tort Reform w/out Threshold			
Accident Year	EP at Current Level Adjusted for Drift ($000)	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Accident Year Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Uninsured Automobile										
1997	4,454	6,811	152.9%	0.763	5,193	116.6%	0.737	5,019	112.7%	0.0%
1998	5,680	5,789	101.9%	0.763	4,414	77.7%	0.737	4,267	75.1%	20.0%
1999	6,029	5,464	90.6%	0.763	4,166	69.1%	0.737	4,027	66.8%	20.0%
2000	6,415	6,881	107.3%	0.763	5,247	81.8%	0.737	5,072	79.1%	20.0%
2001	6,434	6,380	99.2%	0.763	4,865	75.6%	0.737	4,702	73.1%	20.0%
2002	6,314	4,972	78.7%	0.763	3,791	60.0%	0.737	3,664	58.0%	20.0%
Total	35,326	36,297			27,676			26,751		100.0%
(13) Industry - Nova Scotia Projected Loss Ratio:			95.5%			72.9%			70.4%	
Accident Benefits & Uninsured Automobile*										
1997	43,725	34,580	79.1%		32,963	75.4%		32,789	75.0%	0.0%
1998	45,630	35,947	78.8%		34,572	75.8%		34,424	75.4%	10.0%
1999	45,506	40,765	89.6%		39,467	86.7%		39,328	86.4%	15.0%
2000	47,407	46,980	99.1%		45,346	95.7%		45,170	95.3%	20.0%
2001	48,419	43,610	90.1%		42,095	86.9%		41,932	86.6%	25.0%
2002	48,607	37,507	77.2%		36,327	74.7%		36,200	74.5%	30.0%
Total	279,294	239,390			230,769			229,844		100.0%
(14) Industry - Nova Scotia Projected Loss Ratio:			86.8%			83.9%			83.6%	

Notes:

(2), (3)&(4) From Appendix E, Sheet 7c, Column (6), (11) & (12) respectively.
(5)&(8) From Exhibit III, Sheet 1, Column (8) & (9) respectively.
(6) = { Appendix E, Sheet 7c, [(7) x (8) x (9)] } x (5) + [Appendix E, Sheet 7c, (10)] .
(7) = [(6) / (2)].
(9) = { Appendix E, Sheet 7c, [(7) x (8) x (9)] } x (8) + [Appendix E, Sheet 7c, (10)] .
(10) = [(9) / (2)].
(11) Selected in Appendix E, Sheet 7c, Column (13).
(13)&(14) Without Tort Reform equals Sum [(4) x (11)]; Tort Reform with Threshold equals Sum [(7) x (11)]; Tort Reform w/out Threshold equals Sum [(10) x (11)].

* Accident Benefits & Uninsured Automobile: [Accident Benefits] + [Uninsured Automobile].

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

		Current System		Tort Reform with Threshold			Tort Reform w/out Threshold			
Accident Year	EP at Current Level Adjusted for Drift ($000)	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Accident Year Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Underinsured Motorist										
1997	9,597	1,015	10.6%	0.525	533	5.6%	0.474	481	5.0%	0.0%
1998	9,802	1,955	19.9%	0.525	1,027	10.5%	0.474	927	9.5%	20.0%
1999	9,658	1,960	20.3%	0.525	1,029	10.7%	0.474	929	9.6%	20.0%
2000	9,985	3,561	35.7%	0.525	1,869	18.7%	0.474	1,688	16.9%	20.0%
2001	10,178	2,497	24.5%	0.525	1,311	12.9%	0.474	1,184	11.6%	20.0%
2002	10,208	1,201	11.8%	0.525	630	6.2%	0.474	569	5.6%	20.0%
Total	59,428	12,189			6,399			5,778		100.0%
(13) Industry - Nova Scotia Projected Loss Ratio:			22.4%			11.8%			10.6%	
Collision										
1997	94,745	40,925	43.2%	1.000	40,925	43.2%	1.000	40,925	43.2%	0.0%
1998	94,031	37,057	39.4%	1.000	37,057	39.4%	1.000	37,057	39.4%	10.0%
1999	92,228	40,550	44.0%	1.000	40,550	44.0%	1.000	40,550	44.0%	15.0%
2000	95,298	44,843	47.1%	1.000	44,843	47.1%	1.000	44,843	47.1%	20.0%
2001	97,468	42,627	43.7%	1.000	42,627	43.7%	1.000	42,627	43.7%	25.0%
2002	96,169	39,241	40.8%	1.000	39,241	40.8%	1.000	39,241	40.8%	30.0%
Total	569,939	245,243			245,243			245,243		100.0%
(14) Industry - Nova Scotia Projected Loss Ratio:			43.1%			43.1%			43.1%	

Notes:

(2), (3)&(4) From Appendix E, Sheet 7d, Column (6), (11) & (12) respectively.
(5)&(8) From Exhibit III, Sheet 1, Column (8) & (9) respectively.
(6) = { Appendix E, Sheet 7d, [(7) x (8) x (9)] } x (5) + [Appendix E, Sheet 7d, (10)] .
(7) = [(6) / (2)].
(9) = { Appendix E, Sheet 7d, [(7) x (8) x (9)] } x (8) + [Appendix E, Sheet 7d, (10)] .
(10) = [(9) / (2)].
(11) Selected in Appendix E, Sheet 7d, Column (13).
(13)&(14) Without Tort Reform equals Sum [(4) x (11)]; Tort Reform with Threshold equals Sum [(7) x (11)]; Tort Reform w/out Threshold equals Sum [(10) x (11)].

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

	EP at Current	Current System		Tort Reform with Threshold			Tort Reform w/out Threshold			
Accident Year	Level Adjusted for Drift ($000)	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Impact of Tort Reform	Trended Ultimate Losses & LAE ($000)	Loss Ratio	Accident Year Weight
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Comprehensive										
1997	62,330	26,886	43.1%	1.000	26,886	43.1%	1.000	26,886	43.1%	0.0%
1998	61,665	27,795	45.1%	1.000	27,795	45.1%	1.000	27,795	45.1%	10.0%
1999	59,666	29,075	48.7%	1.000	29,075	48.7%	1.000	29,075	48.7%	15.0%
2000	60,935	31,122	51.1%	1.000	31,122	51.1%	1.000	31,122	51.1%	20.0%
2001	61,778	29,641	48.0%	1.000	29,641	48.0%	1.000	29,641	48.0%	25.0%
2002	61,070	24,937	40.8%	1.000	24,937	40.8%	1.000	24,937	40.8%	30.0%
Total	367,445	169,457			169,457			169,457		100.0%
(13) Industry - Nova Scotia Projected Loss Ratio:			46.3%			46.3%			46.3%	
All Perils										
1997	20,344	7,181	35.3%	1.000	7,181	35.3%	1.000	7,181	35.3%	0.0%
1998	20,244	7,493	37.0%	1.000	7,493	37.0%	1.000	7,493	37.0%	10.0%
1999	20,647	8,901	43.1%	1.000	8,901	43.1%	1.000	8,901	43.1%	15.0%
2000	20,407	8,558	41.9%	1.000	8,558	41.9%	1.000	8,558	41.9%	20.0%
2001	21,197	7,878	37.2%	1.000	7,878	37.2%	1.000	7,878	37.2%	25.0%
2002	21,572	7,736	35.9%	1.000	7,736	35.9%	1.000	7,736	35.9%	30.0%
Total	124,411	47,747			47,747			47,747		100.0%
(14) Industry - Nova Scotia Projected Loss Ratio:			38.6%			38.6%			38.6%	

Notes:

(2), (3)&(4) From Appendix E, Sheet 7e, Column (6), (11) & (12) respectively.
(5)&(8) From Exhibit III, Sheet 1, Column (8) & (9) respectively.
(6) = { Appendix E, Sheet 7e, [(7) x (8) x (9)] } x (5) + [Appendix E, Sheet 7e, (10)].
(7) = [(6) / (2)].
(9) = { Appendix E, Sheet 7e, [(7) x (8) x (9)] } x (8) + [Appendix E, Sheet 7e, (10)].
(10) = [(9) / (2)].
(11) Selected in Appendix E, Sheet 7e, Column (13).
(13)&(14) Without Tort Reform equals Sum [(4) x (11)]; Tort Reform with Threshold equals Sum [(7) x (11)]; Tort Reform w/out Threshold equals Sum [(10) x (11)].

Calculation of Projected Loss Ratio - Based on Industry - Nova Scotia Experience

	EP at Current	Current System		Tort Reform with Threshold			Tort Reform w/out Threshold			
Accident Year (1)	Level Adjusted for Drift ($000) (2)	Trended Ultimate Losses & LAE ($000) (3)	Loss Ratio (4)	Impact of Tort Reform (5)	Trended Ultimate Losses & LAE ($000) (6)	Loss Ratio (7)	Impact of Tort Reform (8)	Trended Ultimate Losses & LAE ($000) (9)	Loss Ratio (10)	Accident Year Weight (11)
Specified Perils										
1997	776	288	37.1%	1.000	288	37.1%	1.000	288	37.1%	0.0%
1998	688	224	32.5%	1.000	224	32.5%	1.000	224	32.5%	10.0%
1999	621	297	47.8%	1.000	297	47.8%	1.000	297	47.8%	15.0%
2000	558	277	49.7%	1.000	277	49.7%	1.000	277	49.7%	20.0%
2001	529	385	72.8%	1.000	385	72.8%	1.000	385	72.8%	25.0%
2002	495	180	36.3%	1.000	180	36.3%	1.000	180	36.3%	30.0%
Total	3,668	1,651			1,651			1,651		100.0%
(13) Industry - Nova Scotia Projected Loss Ratio:			49.4%			49.4%			49.4%	

Notes:

(2), (3)&(4) From Appendix E, Sheet 7f, Column (6), (11) & (12) respectively.
(5)&(8) From Exhibit III, Sheet 1, Column (8) & (9) respectively.
(6) = { Appendix E, Sheet 7f, [(7) x (8) x (9)] } x (5) + [Appendix E, Sheet 7f, (10)] .
(7) = [(6) / (2)].
(9) = { Appendix E, Sheet 7f, [(7) x (8) x (9)] } x (8) + [Appendix E, Sheet 7f, (10)] .
(10) = [(9) / (2)].
(11) Selected in Appendix E, Sheet 7f, Column (13).
(13)& Without Tort Reform equals Sum [(4) x (11)]; Tort Reform with Threshold equals Sum [(7) x (11)]; Tort Reform w/out Threshold equals Sum [(10) x (11)].

Nova Scotia Private Passenger Auto Insurance
2003 Proposed Tort Reform

Appendix E
Sheet 9a

Historical Rate Level Factor

Accident Year (1)	Industry Earned Premiums ($000) (2)	Industry Earned Exposures (3)	Industry Average Earned Premium (4)	Premium On-level Factor (5)	Rate Change from 2001 to 2002 (6)	Rate Change from 2002 to May/5/2003 (7)	Premium On-level Factor (8)
Third Party Liability - Bodily Injury							
1997	102,486	426,732	240.17	1.420	15.2%	11.0%	1.815
1998	105,037	434,824	241.56	1.412	15.2%	11.0%	1.805
1999	103,186	431,017	239.40	1.424	15.2%	11.0%	1.821
2000	107,697	447,643	240.59	1.417	15.2%	11.0%	1.812
2001	124,092	458,237	270.80	1.259	15.2%	11.0%	1.610
2002	157,462	461,752	341.01	1.000	15.2%	11.0%	1.278
Total	699,960	2,660,205					
Third Party Liability - PD							
1997	18,086	426,732	42.38	1.420	15.3%	11.0%	1.818
1998	18,536	434,824	42.63	1.412	15.3%	11.0%	1.807
1999	18,209	431,017	42.25	1.424	15.3%	11.0%	1.824
2000	19,005	447,643	42.46	1.417	15.3%	11.0%	1.815
2001	21,899	458,237	47.79	1.259	15.3%	11.0%	1.612
2002	27,787	461,752	60.18	1.000	15.3%	11.0%	1.280
Total	123,522	2,660,205					
Third Party Liability							
1997	120,572	426,732	282.55	1.420	15.2%	11.0%	1.816
1998	123,573	434,824	284.19	1.412	15.2%	11.0%	1.805
1999	121,395	431,017	281.65	1.424	15.2%	11.0%	1.821
2000	126,703	447,643	283.04	1.417	15.2%	11.0%	1.812
2001	145,991	458,237	318.59	1.259	15.2%	11.0%	1.610
2002	185,249	461,752	401.19	1.000	15.2%	11.0%	1.279
Total	823,482	2,660,205					

Notes:

(2) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
TPL Earned Premiums are split between BI (85%) & PD (15%) for all accident years based on a review of average premiums industry split.
(3) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
(4) = [(2) / (3) x 1000].
(5) = [(4) 2002] / [(4) respective year].
(6) = Average written premiums divided by average earned premiums adjusted for limit and rate group drifts.
(7) = Rate Change from 2002 to 2003 estimated in Exhibit V, row (7)
(8) = { (5) x [1 + (7)] }

Historical Rate Level Factor

	Industry						
Accident Year	Earned Premiums ($000)	Earned Exposures	Average Earned Premium	Premium On-level Factor	Rate Change from 2001 to 2002	Rate Change from 2002 to May/5/2003	Premium On-level Factor
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Accident Benefits							
1997	21,344	427,437	49.94	1.441	15.0%	11.0%	1.840
1998	22,137	434,827	50.91	1.413	15.0%	11.0%	1.805
1999	22,038	429,669	51.29	1.403	15.0%	11.0%	1.791
2000	23,154	446,165	51.90	1.387	15.0%	11.0%	1.770
2001	26,351	456,972	57.66	1.248	15.0%	11.0%	1.593
2002	33,124	460,319	71.96	1.000	15.0%	11.0%	1.277
Total	148,149	2,655,389					
Uninsured Automobile							
1997	2,801	293,541	9.54	1.299	10.3%	11.0%	1.590
1998	3,634	374,367	9.71	1.277	10.3%	11.0%	1.563
1999	3,765	397,390	9.47	1.308	10.3%	11.0%	1.601
2000	4,289	422,796	10.15	1.222	10.3%	11.0%	1.495
2001	4,630	424,089	10.92	1.135	10.3%	11.0%	1.390
2002	5,158	416,173	12.39	1.000	10.3%	11.0%	1.224
Total	24,277	2,328,357					
Underinsured Motorist							
1997	7,183	396,111	18.13	1.105	1.5%	11.0%	1.244
1998	7,746	408,613	18.96	1.057	1.5%	11.0%	1.190
1999	7,866	406,643	19.34	1.036	1.5%	11.0%	1.166
2000	8,165	424,637	19.23	1.042	1.5%	11.0%	1.173
2001	8,626	437,180	19.73	1.015	1.5%	11.0%	1.143
2002	8,871	442,833	20.03	1.000	1.5%	11.0%	1.126
Total	48,456	2,516,018					

Notes:

(2) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
TPL Earned Premiums are split between BI (85%) & PD (15%) for all accident years based on a review of average premiums industry split.
(3) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
(4) = [(2) / (3) x 1000].
(5) = [(4) 2002] / [(4) respective year].
(6) = Average written premiums divided by average earned premiums adjusted for limit and rate group drifts.
(7) = Rate Change from 2002 to 2003 estimated in Exhibit V, row (7)
(8) = { (5) x [1 + (7)] }.

Historical Rate Level Factor

Accident Year	Industry Earned Premiums ($000)	Industry Earned Exposures	Industry Average Earned Premium	Premium On-level Factor	Rate Change from 2001 to 2002	Rate Change from 2002 to May/5/2003	Premium On-level Factor
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Collision							
1997	53,147	232,344	228.74	1.189	-0.2%	11.0%	1.318
1998	54,090	237,511	227.74	1.195	-0.2%	11.0%	1.324
1999	54,291	239,946	226.26	1.202	-0.2%	11.0%	1.332
2000	58,402	255,371	228.70	1.190	-0.2%	11.0%	1.318
2001	64,838	265,105	244.57	1.112	-0.2%	11.0%	1.233
2002	72,228	265,494	272.05	1.000	-0.2%	11.0%	1.108
Total	356,997	1,495,771					
Comprehensive							
1997	38,392	292,229	131.38	1.130	0.7%	11.0%	1.263
1998	38,394	297,787	128.93	1.151	0.7%	11.0%	1.287
1999	38,403	296,776	129.40	1.147	0.7%	11.0%	1.283
2000	40,704	312,181	130.39	1.138	0.7%	11.0%	1.273
2001	44,238	321,244	137.71	1.078	0.7%	11.0%	1.205
2002	47,845	322,329	148.43	1.000	0.7%	11.0%	1.118
Total	247,976	1,842,546					
All Perils							
1997	11,731	33,257	352.74	1.151	2.1%	11.0%	1.304
1998	11,914	34,086	349.53	1.161	2.1%	11.0%	1.316
1999	12,386	35,806	345.92	1.173	2.1%	11.0%	1.330
2000	12,779	36,452	350.56	1.158	2.1%	11.0%	1.312
2001	14,155	38,432	368.30	1.102	2.1%	11.0%	1.249
2002	16,113	39,698	405.88	1.000	2.1%	11.0%	1.133
Total	79,077	217,731					
Specified Perils							
1997	467	8,079	57.84	1.134	2.7%	11.0%	1.293
1998	416	7,373	56.36	1.164	2.7%	11.0%	1.327
1999	358	6,857	52.15	1.258	2.7%	11.0%	1.434
2000	325	6,340	51.32	1.278	2.7%	11.0%	1.457
2001	345	6,107	56.53	1.160	2.7%	11.0%	1.323
2002	380	5,800	65.60	1.000	2.7%	11.0%	1.140
Total	2,292	40,557					

Notes:

(2) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
TPL Earned Premiums are split between BI (85%) & PD (15%) for all accident years based on a review of average premiums industry split.
(3) From 2002 IBC Automobile Experience Exhibits for Industry - Nova Scotia.
(4) = [(2) / (3) x 1000].
(5) = [(4) 2002] / [(4) respective year].
(6) = Average written premiums divided by average earned premiums adjusted for limit and rate group drifts.
(7) = Rate Change from 2002 to 2003 estimated in Exhibit V, row (7).
(8) = { (5) x [1 + (7)] }.

Calculation of Drift Factors

Vehicle Rate Group

A. Time Span From the Average Written Date until Average Written Date of New Rates

	Average Written Date of New Rates	Calendar Year					
		1997	1998	1999	2000	2001	2002
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Average Written Date	Mar-1-2004	Jan-1-1997	Jan-1-1998	Jan-1-1999	Jan-1-2000	Jan-1-2001	Jan-1-2002
Time Span to Jan. 2000		3.000	2.000	1.000	0.000	0.000	0.000
Time Span to Jan. 2002		2.000	2.000	2.000	2.000	1.000	0.000
Remaining Time Span to Average Written Date of New Rates		2.167	2.167	2.167	2.167	2.167	2.167

B. Rate Group Drift

Coverage	Selected Rate Group Drift to Jan 2000	Selected Rate Group Drift to Jan 2002	Selected Rate Group Drift Thereafter	Calendar Year					
				1997	1998	1999	2000	2001	2002
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Collision	3.00%	1.50%	8.84%	1.353	1.313	1.275	1.238	1.219	1.201
Comprehensive	3.00%	1.50%	6.30%	1.285	1.248	1.211	1.176	1.159	1.142
Specified Perils	3.00%	1.50%	6.30%	1.285	1.248	1.211	1.176	1.159	1.142
All Perils	3.00%	1.50%	7.99%	1.330	1.291	1.254	1.217	1.199	1.181

Notes:

(10)-(12) Judgmentally selected based on the IBC Rating Bulletin; except
All Perils: 2/3 x Collision + 1/3 x Comprehensive.

(13)-(18) = { [1+ (10)] ^ [(3)-(8), respectively]; first time period } x { [1 + (11)] ^ [(3)-(8), respectively]; second time period } x
{ [1+ (12)] ^ [(3)-(8), respectively]; third time period }.

Third Party Liability - Bodily Injury (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	1,041	5,307	10,967	15,524	18,210	19,610	20,364	20,586	20,768	20,851	20,853	20,857	20,941	21,726	21,726	21,726	21,726	21,726	21,726
1985	1,459	6,455	11,388	15,397	17,765	21,289	21,691	22,273	22,409	22,474	22,613	22,725	22,732	22,736	22,739	22,739	22,739	22,739	
1986	1,589	6,252	12,129	17,519	22,655	25,638	27,365	28,215	28,909	29,074	29,095	29,368	29,367	29,367	29,367	29,367	29,367		
1987	2,013	7,919	16,205	23,841	29,042	33,070	35,040	36,456	36,790	37,426	37,974	38,289	38,307	38,307	38,307	38,307			
1988	2,093	9,413	18,023	24,413	30,267	34,609	36,721	38,144	38,164	39,401	39,510	39,677	40,576	40,607	40,803				
1989	2,265	10,462	19,324	29,066	34,120	38,262	41,937	44,048	45,696	48,734	49,077	49,243	49,667	49,694					
1990	2,873	10,473	20,639	27,435	35,017	39,760	44,430	46,771	48,531	49,898	50,780	50,801	51,941						
1991	3,398	14,743	26,712	37,232	44,834	50,340	55,053	58,078	59,572	60,942	61,468	61,674							
1992	3,770	17,203	31,826	44,139	50,811	58,770	62,534	64,907	66,371	66,833	67,075								
1993	3,727	17,415	32,697	44,608	53,378	58,146	63,957	66,839	69,639	70,628									
1994	4,421	17,263	31,064	42,541	50,489	61,319	68,380	71,154	73,598										
1995	5,383	19,458	35,604	48,111	57,641	65,987	73,199	76,497											
1996	5,989	23,395	42,205	58,322	68,664	74,493	79,023												
1997	5,784	22,681	42,938	61,594	74,401	81,024													
1998	5,370	26,581	50,947	70,036	82,622														
1999	6,235	30,305	59,051	78,181															
2000	6,950	31,653	63,021																
2001	8,020	36,411																	
2002	7,551																		

Appendix F
Sheet 1b

Third Party Liability - Bodily Injury (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	5.096	2.066	1.415	1.173	1.077	1.038	1.011	1.009	1.004	1.000	1.000	1.004	1.037	1.000	1.000	1.000	1.000	1.000	
1985	4.424	1.764	1.352	1.154	1.198	1.019	1.027	1.006	1.003	1.006	1.005	1.000	1.000	1.000	1.000	1.000	1.000		
1986	3.935	1.940	1.444	1.293	1.132	1.067	1.031	1.025	1.006	1.001	1.009	1.000	1.000	1.000	1.000	1.000			
1987	3.933	2.046	1.471	1.218	1.139	1.060	1.040	1.009	1.017	1.015	1.008	1.000	1.000	1.000	1.000				
1988	4.496	1.915	1.354	1.240	1.143	1.061	1.039	1.001	1.032	1.003	1.004	1.023	1.001	1.005					
1989	4.618	1.847	1.504	1.174	1.121	1.096	1.050	1.037	1.066	1.007	1.003	1.009	1.001						
1990	3.645	1.971	1.329	1.276	1.135	1.117	1.053	1.038	1.028	1.018	1.000	1.022							
1991	4.339	1.812	1.394	1.204	1.123	1.094	1.055	1.026	1.023	1.009	1.003								
1992	4.563	1.850	1.387	1.151	1.157	1.064	1.038	1.023	1.007	1.004									
1993	4.673	1.878	1.364	1.197	1.089	1.100	1.045	1.042	1.014										
1994	3.905	1.799	1.369	1.187	1.215	1.115	1.041	1.034											
1995	3.615	1.830	1.351	1.198	1.145	1.109	1.045												
1996	3.906	1.804	1.382	1.177	1.085	1.061													
1997	3.921	1.893	1.434	1.208	1.089														
1998	4.950	1.917	1.375	1.180															
1999	4.860	1.949	1.324																
2000	4.554	1.991																	
2001	4.540																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	4.349	1.872	1.371	1.195	1.130	1.088	1.044	1.024	1.020	1.007	1.004	1.008	1.006	1.001	1.000	1.000	1.000	1.000	
Latest 5	4.565	1.911	1.373	1.190	1.125	1.090	1.045	1.032	1.028	1.008	1.004	1.011	1.000	1.001	1.000	1.000	1.000	1.000	
Latest 3	4.652	1.952	1.378	1.188	1.106	1.095	1.044	1.033	1.015	1.010	1.002	1.018	1.000	1.002	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	4.652	1.919	1.369	1.188	1.108	1.091	1.044	1.033	1.022	1.006	1.004	1.011	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	4.355	1.885	1.371	1.192	1.126	1.088	1.044	1.027	1.022	1.007	1.004	1.010	1.004	1.001	1.000	1.000	1.000	1.000	
Latest 5	4.562	1.918	1.371	1.190	1.120	1.089	1.044	1.032	1.025	1.008	1.004	1.012	1.000	1.001	1.000	1.000	1.000	1.000	
Latest 3	4.639	1.954	1.372	1.188	1.104	1.093	1.044	1.033	1.014	1.009	1.002	1.018	1.000	1.002	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	4.639	1.954	1.372	1.190	1.120	1.093	1.044	1.033	1.020	1.009	1.005	1.005	1.002	1.001	1.000	1.000	1.000	1.000	1.000
Age To Ult	20.371	4.391	2.247	1.638	1.376	1.229	1.124	1.077	1.043	1.022	1.013	1.008	1.003	1.001	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.049	0.228	0.445	0.611	0.727	0.814	0.889	0.928	0.959	0.978	0.987	0.992	0.997	0.999	1.000	1.000	1.000	1.000	1.000

Third Party Liability - PD (Atlantic Industry Data)
Gross Basis
Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	13,210	16,149	16,344	16,503	16,509	16,518	16,546	16,546	16,546	16,547	16,547	16,547	16,546	16,546	16,546	16,546	16,546	16,546	16,546
1985	16,445	20,676	20,827	20,872	20,925	20,948	20,948	20,949	20,950	20,950	20,950	20,950	20,950	20,950	20,950	20,950	20,950	20,950	
1986	17,771	21,755	22,188	22,267	22,307	22,312	22,316	22,317	22,317	22,317	22,317	22,317	22,317	22,317	22,317	22,317	22,317		
1987	19,547	24,932	25,387	25,498	25,530	26,550	26,554	26,554	26,554	26,554	26,554	26,553	26,553	26,552	26,551	26,551			
1988	21,009	26,094	26,598	26,654	26,675	26,715	26,720	26,725	26,726	26,726	26,726	26,718	26,718	26,718	26,718				
1989	22,820	29,791	30,254	30,421	30,459	30,466	30,478	30,486	30,486	30,486	30,486	30,486	30,486	30,486					
1990	22,630	27,207	27,505	27,567	27,568	27,569	27,569	27,572	27,577	27,575	27,579	27,579	27,579						
1991	21,231	26,974	27,289	27,446	27,539	27,472	27,479	27,479	27,479	27,479	27,479	27,479							
1992	21,738	26,351	26,711	26,776	26,788	26,795	26,790	26,790	26,790	26,789	26,789								
1993	21,610	26,628	26,917	27,025	27,076	27,080	27,105	27,110	27,115	27,118									
1994	20,696	25,045	25,250	25,279	25,324	25,332	25,346	25,355	25,357										
1995	18,683	23,715	23,894	24,009	24,188	24,199	24,276	24,277											
1996	19,546	23,966	24,158	24,227	24,239	24,415	24,415												
1997	19,198	24,096	24,433	24,538	24,658	24,660													
1998	19,490	24,811	25,252	25,282	25,341														
1999	21,010	26,529	27,003	27,196															
2000	20,679	27,792	28,291																
2001	22,874	29,716																	
2002	21,836																		

Third Party Liability - PD (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	1.222	1.012	1.010	1.000	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	1.257	1.007	1.002	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	1.224	1.020	1.004	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	1.275	1.018	1.004	1.001	1.040	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
1988	1.242	1.019	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
1989	1.305	1.016	1.005	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
1990	1.202	1.011	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
1991	1.271	1.012	1.006	1.003	0.998	1.000	1.000	1.000	1.000	1.000	1.000								
1992	1.212	1.014	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000									
1993	1.232	1.011	1.004	1.002	1.000	1.001	1.000	1.000	1.000										
1994	1.210	1.008	1.001	1.002	1.000	1.001	1.000	1.000											
1995	1.269	1.008	1.005	1.007	1.000	1.003	1.000												
1996	1.226	1.008	1.003	1.001	1.007	1.000													
1997	1.255	1.014	1.004	1.005	1.000														
1998	1.273	1.018	1.001	1.002															
1999	1.263	1.018	1.007																
2000	1.344	1.018																	
2001	1.299																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	1.258	1.013	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.287	1.015	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.302	1.018	1.004	1.003	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	1.278	1.017	1.004	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	1.258	1.013	1.004	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.288	1.015	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.302	1.018	1.004	1.003	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	1.302	1.018	1.004	1.003	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.339	1.028	1.010	1.006	1.003	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.747	0.973	0.990	0.994	0.997	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

ccident Benefits (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	1,302	2,655	3,270	3,677	4,016	4,124	4,194	4,230	4,255	4,383	4,401	4,525	4,548	4,557	4,564	4,575	4,576	4,576	4,576
1985	1,208	2,422	2,948	3,303	3,495	3,559	3,558	3,564	3,568	3,572	3,563	3,567	3,567	3,567	3,567	3,567	3,567	3,567	
1986	1,529	2,984	3,838	4,178	4,361	4,491	5,006	5,136	5,160	5,175	5,190	5,208	5,227	5,363	5,371	5,380	5,386		
1987	1,623	3,631	4,521	5,050	5,496	5,538	5,697	5,761	5,774	5,775	5,776	5,776	5,776	5,776	5,776	5,776			
1988	1,954	4,254	5,327	6,149	6,821	7,207	7,558	7,866	8,002	8,039	8,056	8,145	8,153	8,162	8,171				
1989	2,084	5,015	6,429	7,413	7,951	8,169	8,297	8,549	8,575	8,603	8,689	8,697	8,711	8,717					
1990	2,425	5,348	7,069	8,205	8,781	9,128	9,228	9,497	9,657	9,726	9,731	9,746	9,749						
1991	2,750	6,222	8,110	9,507	10,257	10,546	10,756	11,092	11,244	11,330	11,602	11,644							
1992	2,870	7,157	9,525	10,666	11,185	11,671	12,043	12,203	12,805	12,862	12,905								
1993	3,608	8,142	10,040	11,036	11,566	11,993	12,218	12,547	12,559	12,551									
1994	3,152	7,105	9,130	10,175	10,916	11,575	11,829	11,876	11,918										
1995	3,310	7,522	9,627	10,943	11,843	12,474	12,689	12,931											
1996	3,604	8,167	10,328	11,428	12,294	12,830	13,137												
1997	3,783	8,758	10,912	12,547	13,590	14,329													
1998	4,237	9,744	12,947	14,858	15,818														
1999	4,357	11,483	15,954	18,512															
2000	5,477	15,041	20,131																
2001	6,415	16,497																	
2002	6,198																		

Accident Benefits (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	2.039	1.232	1.124	1.092	1.027	1.017	1.009	1.006	1.030	1.004	1.028	1.005	1.002	1.002	1.002	1.000	1.000	1.000	
1985	2.006	1.217	1.121	1.058	1.018	1.000	1.002	1.001	1.001	0.997	1.001	1.000	1.000	1.000	1.000	1.000	1.000		
1986	1.952	1.286	1.089	1.044	1.030	1.115	1.026	1.005	1.003	1.003	1.003	1.004	1.026	1.002	1.002	1.001			
1987	2.237	1.245	1.117	1.088	1.008	1.029	1.011	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
1988	2.177	1.252	1.154	1.109	1.057	1.049	1.041	1.017	1.005	1.002	1.011	1.001	1.001	1.001					
1989	2.406	1.282	1.153	1.073	1.027	1.016	1.030	1.003	1.003	1.010	1.001	1.002	1.001						
1990	2.205	1.322	1.161	1.070	1.040	1.011	1.029	1.017	1.007	1.000	1.002	1.000							
1991	2.263	1.303	1.172	1.079	1.028	1.020	1.031	1.014	1.008	1.024	1.004								
1992	2.494	1.331	1.120	1.049	1.043	1.032	1.013	1.049	1.004	1.003									
1993	2.257	1.233	1.099	1.048	1.037	1.019	1.027	1.001	0.999										
1994	2.254	1.285	1.114	1.073	1.060	1.022	1.004	1.004											
1995	2.273	1.280	1.137	1.082	1.053	1.017	1.019												
1996	2.266	1.265	1.106	1.076	1.044	1.024													
1997	2.315	1.246	1.150	1.083	1.054														
1998	2.300	1.329	1.148	1.065															
1999	2.636	1.389	1.160																
2000	2.746	1.338																	
2001	2.572																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	2.411	1.300	1.137	1.070	1.044	1.024	1.023	1.011	1.006	1.005	1.006	1.002	1.005	1.001	1.001	1.000	1.000	1.000	
Latest 5	2.514	1.313	1.140	1.076	1.050	1.023	1.019	1.017	1.004	1.008	1.003	1.001	1.006	1.001	1.001	1.000	1.000	1.000	
Latest 3	2.651	1.352	1.153	1.075	1.050	1.021	1.017	1.018	1.004	1.009	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	2.508	1.311	1.145	1.077	1.050	1.022	1.020	1.011	1.005	1.005	1.002	1.001	1.001	1.001	1.001	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	2.441	1.306	1.137	1.070	1.045	1.023	1.022	1.013	1.005	1.006	1.005	1.001	1.004	1.001	1.001	1.001	1.000	1.000	
Latest 5	2.535	1.321	1.143	1.075	1.050	1.023	1.019	1.017	1.004	1.008	1.003	1.001	1.005	1.001	1.001	1.001	1.000	1.000	
Latest 3	2.648	1.352	1.153	1.074	1.051	1.021	1.017	1.018	1.004	1.009	1.002	1.001	1.001	1.001	1.001	1.001	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	2.648	1.330	1.143	1.074	1.051	1.023	1.019	1.017	1.005	1.005	1.004	1.003	1.002	1.001	1.001	1.001	1.000	1.000	1.000
Age To Ult	4.924	1.860	1.398	1.223	1.139	1.084	1.059	1.040	1.022	1.017	1.012	1.008	1.005	1.003	1.002	1.001	1.000	1.000	1.000
Percent of Ult	0.203	0.538	0.715	0.817	0.878	0.923	0.944	0.962	0.978	0.983	0.988	0.992	0.995	0.997	0.998	0.999	1.000	1.000	1.000

Uninsured Motorist (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84
1996	53	203	452	606	672	1,123	1,107
1997	402	1,141	2,022	2,507	2,803	3,123	
1998	247	589	975	1,285	1,580		
1999	268	901	1,544	2,079			
2000	354	1,155	2,149				
2001	355	1,175					
2002	297						

Uninsured Motorist (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	To Ult
1996	3.815	2.224	1.340	1.109	1.671	0.986	
1997	2.840	1.772	1.240	1.118	1.114		
1998	2.384	1.654	1.318	1.230			
1999	3.361	1.713	1.347				
2000	3.260	1.861					
2001	3.312						
2002							

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	To Ult
Simple Avg							
Latest 7	3.162	1.845	1.311	1.152	1.392	0.986	
Latest 5	3.031	1.845	1.311	1.152	1.392	0.986	
Latest 3	3.311	1.743	1.301	1.152	1.392	0.986	
Medial Avg							
Latest 5x1	3.137	1.782	1.329	1.118	1.392	0.986	
Volume Wtd							
Latest 7	3.075	1.790	1.297	1.149	1.222	0.986	
Latest 5	3.051	1.790	1.297	1.149	1.222	0.986	
Latest 3	3.307	1.764	1.293	1.149	1.222	0.986	

Development Factor Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	To Ult
Selected	2.708	1.675	1.296	1.235	1.121	1.097	1.047
Age to Ult	9.343	3.450	2.060	1.589	1.287	1.148	1.047
Percent of Ult	0.107	0.290	0.485	0.629	0.777	0.871	0.956

Uninsured Motorist (Atlantic Industry Data) (Atlantics)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156
1990	15	51	53	88	125	125	125	125	125	125	125	125	125
1991	84	134	317	741	1,043	1,054	1,055	1,055	1,055	1,055	1,055	1,055	
1992	144	667	1,187	1,381	1,748	1,742	1,990	2,017	2,014	2,014	2,014		
1993	213	619	862	1,168	1,508	1,592	1,764	1,775	1,985	1,985			
1994	520	1,105	1,892	2,207	2,483	2,519	3,101	3,114	3,070				
1995	578	1,461	2,510	3,231	4,046	4,391	4,715	4,997					
1996	586	1,654	2,520	2,990	3,791	4,651	4,770						
1997	940	2,546	4,378	5,375	6,328	7,195							
1998	779	1,967	3,424	4,878	6,183								
1999	961	2,559	4,347	5,790									
2000	1,086	2,896	4,798										
2001	1,064	3,116											
2002	1,014												

Uninsured Motorist (Atlantic Industry Data) (Atlantics)
Gross Basis
Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	To Ult
1990	3.409	1.029	1.664	1.421	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1991	1.592	2.362	2.335	1.408	1.011	1.001	1.001	1.000	1.000	1.000	1.000		
1992	4.620	1.779	1.163	1.266	0.997	1.142	1.014	0.999	1.000	1.000			
1993	2.910	1.392	1.356	1.291	1.056	1.108	1.006	1.118	1.000				
1994	2.125	1.712	1.167	1.125	1.014	1.231	1.004	0.986					
1995	2.527	1.719	1.287	1.252	1.085	1.074	1.060						
1996	2.821	1.524	1.186	1.268	1.227	1.026							
1997	2.707	1.719	1.228	1.177	1.137								
1998	2.526	1.741	1.425	1.268									
1999	2.662	1.699	1.332										
2000	2.667	1.657											
2001	2.927												
2002													

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	To Ult
Simple Avg													
Latest 10	2.849	1.730	1.414	1.275	1.066	1.083	1.014	1.021	1.000	1.000	1.000	1.000	
Latest 5	2.698	1.668	1.292	1.218	1.104	1.116	1.017	1.021	1.000	1.000	1.000	1.000	
Latest 3	2.752	1.699	1.328	1.238	1.150	1.110	1.023	1.034	1.000	1.000	1.000	1.000	
Medial Avg													
Latest 5x1	2.679	1.692	1.282	1.232	1.093	1.108	1.008	1.000	1.000	1.000	1.000	1.000	
Volume Wtd													
Latest 10	2.705	1.681	1.296	1.236	1.104	1.090	1.026	1.020	1.000	1.000	1.000	1.000	
Latest 5	2.708	1.675	1.296	1.222	1.121	1.097	1.026	1.020	1.000	1.000	1.000	1.000	
Latest 3	2.755	1.694	1.321	1.231	1.146	1.089	1.032	1.024	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	To Ult
Selected	2.708	1.675	1.296	1.235	1.121	1.097	1.026	1.020	1.000	1.000	1.000	1.000	1.000
Age to Ult	9.343	3.450	2.060	1.589	1.287	1.148	1.047	1.020	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.107	0.290	0.485	0.629	0.777	0.871	0.956	0.980	1.000	1.000	1.000	1.000	1.000

Underinsured Motorist (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	0	0	0	32	36	41	40	38	38	38	38	38	38	38	38	38	38	38	38
1985	0	0	0	0	1	1	88	88	88	88	88	88	88	88	88	88	88	88	
1986	0	1	2	2	166	167	167	167	167	167	167	167	167	167	167	167	167		
1987	1	3	11	52	93	154	154	155	155	161	357	357	357	357	357	357			
1988	1	2	52	75	126	167	175	179	185	638	638	638	638	638	638				
1989	0	28	40	359	562	562	575	575	575	584	586	592	622	622					
1990	1	1	9	47	141	200	350	450	474	576	577	577	577						
1991	1	2	2	5	315	315	317	522	525	526	527	527							
1992	7	318	513	524	538	647	647	733	733	733	733								
1993	0	2	66	283	284	295	297	297	297	297									
1994	7	30	123	1,198	1,487	2,211	2,562	2,590	2,590										
1995	0	2	14	45	172	206	408	555											
1996	39	56	362	375	756	886	891												
1997	15	80	176	148	163	205													
1998	7	523	537	673	679														
1999	22	28	32	185															
2000	3	146	507																
2001	3	12																	
2002	21																		

Underinsured Motorist (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984				1.105	1.137	0.981	0.950	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	1.000	1.000	1.700	2.373	1.240	117.151	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	33.182	1.932	1.000	78.394	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	2.227	4.280	4.531	1.792	1.656	1.004	1.002	1.002	1.036	2.220	1.000	1.000	1.000	1.000	1.000				
1988	2.452	22.103	1.428	1.685	1.332	1.046	1.023	1.035	3.439	1.000	1.000	1.000	1.000	1.000					
1989	140.071	1.435	9.030	1.564	1.000	1.023	1.000	1.000	1.014	1.005	1.009	1.051	1.000						
1990	1.000	14.040	5.324	2.990	1.421	1.749	1.285	1.054	1.215	1.001	1.000	1.000							
1991	1.507	1.247	1.983	66.689	1.000	1.006	1.646	1.006	1.003	1.001	1.000								
1992	46.110	1.612	1.023	1.027	1.203	1.000	1.133	1.000	1.000	1.000									
1993	27.250	35.500	4.297	1.005	1.037	1.007	1.000	1.000	1.000										
1994	4.590	4.075	9.742	1.241	1.487	1.159	1.011	1.000											
1995	4.937	5.621	3.322	3.805	1.202	1.980	1.359												
1996	1.416	6.493	1.037	2.015	1.172	1.005													
1997	5.490	2.183	0.844	1.097	1.261														
1998	80.109	1.028	1.254	1.009															
1999	1.278	1.132	5.749																
2000	53.854	3.483																	
2001	4.248																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	22.928	6.237	3.457	8.244	1.212	1.198	1.146	1.010	1.271	1.136	1.001	1.007	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	28.996	2.864	2.441	1.833	1.232	1.230	1.230	1.012	1.046	1.001	1.002	1.010	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	19.793	1.881	2.616	1.374	1.212	1.381	1.123	1.000	1.001	1.000	1.003	1.017	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	21.197	2.266	1.871	1.451	1.212	1.057	1.168	1.002	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	11.705	1.964	1.900	1.393	1.254	1.130	1.101	1.006	1.176	1.057	1.002	1.012	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	16.141	1.938	1.274	1.335	1.329	1.132	1.110	1.006	1.043	1.001	1.002	1.013	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	6.710	1.545	1.351	1.335	1.190	1.169	1.053	1.000	1.001	1.000	1.003	1.017	1.000	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	14.712	3.925	2.848	1.411	1.380	1.133	1.154	1.005	1.005	1.012	1.007	1.002	1.000	1.000	1.000	1.000	1.000	1.000	
Age To Ult	431.820	29.352	7.478	2.626	1.861	1.348	1.190	1.031	1.026	1.021	1.009	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.002	0.034	0.134	0.381	0.537	0.742	0.840	0.970	0.974	0.979	0.991	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Underinsured Motorist (Atlantic Industry Data) (Atlantics)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	0	0	2	36	290	295	372	370	370	370	370	370	370	370	370	370	370	370	370
1985	0	3	144	1,197	1,253	1,305	1,492	1,391	1,882	1,894	1,894	1,894	1,894	1,894	1,894	1,894	1,894	1,894	
1986	24	225	237	707	1,198	1,201	1,273	1,794	1,796	1,796	1,796	1,796	1,796	1,796	1,796	1,796	1,796		
1987	12	14	49	413	889	1,188	1,188	1,189	1,189	1,194	1,390	1,390	1,390	1,390	1,390	1,390			
1988	5	11	120	611	1,087	1,183	1,252	1,467	1,603	2,056	2,056	2,056	2,056	2,056	2,056				
1989	0	43	102	1,350	1,880	1,993	2,055	2,066	2,073	2,179	2,182	2,290	2,320	2,324					
1990	6	5	246	320	610	787	1,805	2,308	2,182	2,778	2,780	2,780	2,780						
1991	4	31	104	323	1,018	1,211	1,265	1,833	2,026	2,025	2,025	2,025							
1992	17	657	1,412	1,496	1,617	1,783	2,524	2,807	2,807	2,807	2,807								
1993	1	10	90	1,089	1,542	1,582	1,610	1,625	1,626	1,626									
1994	11	70	617	2,557	3,279	4,379	4,888	5,111	5,111										
1995	23	40	142	582	731	930	1,155	1,829											
1996	43	65	510	624	1,276	2,427	2,398												
1997	21	89	212	681	804	1,210													
1998	20	544	1,476	1,744	2,644														
1999	41	131	290	1,453															
2000	5	176	1,171																
2001	6	68																	
2002	21																		

Underinsured Motorist (Atlantic Industry Data) (Atlantics)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984			18.098	7.948	1.017	1.262	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	6.220	55.456	8.300	1.047	1.042	1.143	0.933	1.353	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	9.390	1.055	2.984	1.695	1.002	1.060	1.410	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	1.181	3.562	8.359	2.151	1.336	1.001	1.000	1.000	1.005	1.164	1.000	1.000	1.000	1.000	1.000				
1988	2.412	10.457	5.090	1.781	1.088	1.058	1.172	1.093	1.282	1.000	1.000	1.000	1.000	1.000					
1989	217.020	2.375	13.227	1.393	1.060	1.031	1.005	1.003	1.051	1.001	1.050	1.013	1.002						
1990	0.806	54.179	1.302	1.906	1.291	2.292	1.279	0.946	1.273	1.001	1.000	1.000							
1991	8.740	3.365	3.115	3.151	1.190	1.044	1.450	1.105	0.999	1.000	1.000								
1992	38.369	2.147	1.059	1.081	1.103	1.416	1.112	1.000	1.000	1.000									
1993	7.339	9.035	12.142	1.415	1.026	1.018	1.010	1.000	1.000										
1994	6.139	8.784	4.146	1.282	1.335	1.116	1.046	1.000											
1995	1.787	3.525	4.103	1.256	1.272	1.241	1.584												
1996	1.510	7.872	1.224	2.044	1.903	0.988													
1997	4.271	2.389	3.218	1.180	1.505														
1998	27.840	2.712	1.182	1.516															
1999	3.171	2.223	5.006																
2000	36.018	6.673																	
2001	12.024																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	13.847	4.873	3.650	1.622	1.277	1.220	1.207	1.050	1.062	1.018	1.006	1.002	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	16.665	4.374	2.947	1.456	1.408	1.156	1.240	1.010	1.065	1.000	1.010	1.003	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	17.071	3.869	3.135	1.580	1.560	1.115	1.213	1.000	1.000	1.000	1.017	1.004	1.001	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	14.712	3.925	2.848	1.351	1.371	1.125	1.202	1.000	1.017	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	9.872	3.323	2.133	1.430	1.263	1.153	1.159	1.033	1.067	1.012	1.007	1.002	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	10.943	3.645	1.934	1.411	1.380	1.133	1.154	1.005	1.065	1.000	1.010	1.003	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	7.237	3.455	1.961	1.549	1.625	1.091	1.119	1.000	1.000	1.000	1.016	1.004	1.001	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	14.712	3.925	2.848	1.411	1.380	1.133	1.154	1.005	1.005	1.012	1.007	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	431.820	29.352	7.478	2.626	1.861	1.348	1.190	1.031	1.026	1.021	1.009	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.002	0.034	0.134	0.381	0.537	0.742	0.840	0.970	0.974	0.979	0.991	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Collision (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	17,722	19,949	19,936	19,921	19,919	19,919	19,917	19,916	19,916	19,916	19,916	19,915	19,915	19,915	19,915	19,915	19,915	19,915	19,915
1985	21,525	25,108	25,079	25,085	25,071	25,066	25,069	25,069	25,070	25,068	25,068	25,066	25,066	25,066	25,066	25,066	25,066	25,066	
1986	24,670	26,818	26,827	26,845	26,838	26,835	26,793	26,791	26,789	26,787	26,787	26,787	26,787	26,787	26,787	26,787	26,787		
1987	27,626	29,806	29,779	29,819	29,829	29,818	29,822	29,822	29,824	29,824	29,819	29,819	29,819	29,819	29,819	29,819			
1988	31,154	34,478	34,444	34,420	34,439	34,462	34,460	34,492	34,492	34,487	34,486	34,486	34,485	34,485	34,485				
1989	38,773	41,999	41,921	41,969	41,970	41,953	41,941	41,933	41,932	41,931	41,927	41,922	41,922	41,922					
1990	36,271	37,533	37,481	37,462	37,453	37,462	37,456	37,455	37,455	37,454	37,454	37,453	37,453						
1991	35,881	37,798	37,737	37,699	37,662	37,667	37,662	37,659	37,655	37,655	37,655	37,655							
1992	32,469	33,410	33,330	33,333	33,312	33,298	33,295	33,294	33,293	33,291	33,290								
1993	28,057	29,077	29,042	28,979	28,979	28,970	28,970	28,965	28,963	28,960									
1994	27,031	27,424	27,330	27,309	27,305	27,301	27,300	27,299	27,299										
1995	26,565	28,000	27,921	27,922	27,917	27,913	27,915	27,910											
1996	27,161	27,502	27,424	27,419	27,413	27,412	27,410												
1997	29,914	30,674	30,574	30,641	30,625	30,623													
1998	27,308	28,251	28,175	28,208	28,218														
1999	31,136	32,243	31,988	31,975															
2000	35,163	36,891	36,560																
2001	35,283	36,582																	
2002	35,149																		

Collision (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	1.126	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	1.166	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	1.087	1.000	1.001	1.000	1.000	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	1.079	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
1988	1.107	0.999	0.999	1.001	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
1989	1.083	0.998	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
1990	1.035	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
1991	1.053	0.998	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
1992	1.029	0.998	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000									
1993	1.036	0.999	0.998	1.000	1.000	1.000	1.000	1.000	1.000										
1994	1.015	0.997	0.999	1.000	1.000	1.000	1.000	1.000											
1995	1.054	0.997	1.000	1.000	1.000	1.000	1.000												
1996	1.013	0.997	1.000	1.000	1.000	1.000													
1997	1.025	0.997	1.002	0.999	1.000														
1998	1.035	0.997	1.001	1.000															
1999	1.036	0.992	1.000																
2000	1.049	0.991																	
2001	1.037																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	1.033	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.036	0.995	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.041	0.993	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	1.036	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	1.033	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.037	0.995	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.041	0.993	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	1.037	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	1.033	0.996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.968	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Comprehensive (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	11,793	13,363	13,386	13,393	13,386	13,385	13,384	13,384	13,384	13,384	13,384	13,382	13,382	13,380	13,380	13,380	13,380	13,380	13,380
1985	12,836	14,628	14,658	14,669	14,677	14,672	14,672	14,672	14,672	14,672	14,672	14,672	14,672	14,672	14,672	14,672	14,672	14,672	
1986	13,783	15,431	15,441	15,442	15,445	15,447	15,445	15,447	15,447	15,447	15,447	15,447	15,447	15,447	15,447	15,447	15,447		
1987	15,020	16,988	17,005	17,007	17,007	17,015	17,015	17,016	17,016	17,016	17,016	17,016	17,016	17,016	17,016	17,016			
1988	17,572	19,807	19,820	19,822	19,826	19,846	19,846	19,845	19,845	19,845	19,845	19,845	19,845	19,845	19,845				
1989	21,024	23,489	23,519	23,523	23,522	23,518	23,516	23,516	23,516	23,516	23,516	23,516	23,516	23,516					
1990	23,214	25,830	25,949	25,947	25,946	25,947	25,953	25,962	25,962	25,938	25,938	25,938	25,938						
1991	24,354	26,873	26,886	26,887	26,885	26,881	26,878	26,877	26,877	26,876	26,876	26,876							
1992	21,633	23,350	23,438	23,439	23,472	23,471	23,473	23,474	23,474	23,475	23,475								
1993	19,161	20,927	20,939	20,942	20,937	20,937	20,941	20,938	20,938	20,938									
1994	16,939	18,529	18,549	18,535	18,535	18,532	18,532	18,532	18,532										
1995	17,115	19,005	19,024	19,030	19,032	19,029	19,029	19,029											
1996	17,840	19,749	19,760	19,780	19,804	19,799	19,793												
1997	19,271	21,530	21,559	21,558	21,569	21,576													
1998	20,445	22,461	22,479	22,490	22,482														
1999	21,673	24,055	24,111	24,112															
2000	23,510	26,406	26,451																
2001	23,583	25,989																	
2002	20,365																		

Comprehensive (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	1.133	1.002	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	1.140	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	1.120	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	1.131	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
1988	1.127	1.001	1.000	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
1989	1.117	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
1990	1.113	1.005	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000							
1991	1.103	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
1992	1.079	1.004	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000									
1993	1.092	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
1994	1.094	1.001	0.999	1.000	1.000	1.000	1.000	1.000											
1995	1.110	1.001	1.000	1.000	1.000	1.000	1.000												
1996	1.107	1.001	1.001	1.001	1.000	1.000													
1997	1.117	1.001	1.000	1.001	1.000														
1998	1.099	1.001	1.001	1.000															
1999	1.110	1.002	1.000																
2000	1.123	1.002																	
2001	1.102																		
2002																			

Averages

	12 - 24	24 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	1.103	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.110	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.112	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	1.110	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	1.104	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.110	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.112	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	1.110	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age to Ult	1.112	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.899	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

All Perils (Atlantic Industry Data)
Gross Basis
Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	. 36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	1,715	1,913	1,910	1,906	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904	1,904
1985	2,419	2,768	2,758	2,755	2,755	2,754	2,753	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,750	
1986	2,702	3,010	3,021	3,025	2,980	2,989	2,989	2,989	2,988	2,988	2,987	2,987	2,987	2,987	2,987	2,987	2,987		
1987	3,488	3,955	3,972	3,991	3,988	3,989	3,989	3,989	3,989	3,989	3,989	3,989	3,989	3,989	3,989	3,989			
1988	3,639	4,087	4,084	4,087	4,086	4,086	4,086	4,086	4,086	4,086	4,086	4,086	4,086	4,086	4,086				
1989	4,338	4,657	4,638	4,642	4,634	4,634	4,635	4,635	4,635	4,635	4,635	4,627	4,627	4,627					
1990	3,706	4,185	4,226	4,217	4,224	4,239	4,239	4,239	4,239	4,239	4,239	4,239	4,239						
1991	4,278	4,663	4,672	4,660	4,660	4,660	4,658	4,658	4,658	4,658	4,658	4,657							
1992	4,321	4,714	4,701	4,706	4,717	4,716	4,716	4,715	4,715	4,715	4,715								
1993	4,354	4,679	4,649	4,639	4,635	4,634	4,634	4,634	4,634	4,634									
1994	4,192	4,354	4,348	4,350	4,349	4,349	4,351	4,351	4,351										
1995	4,677	4,935	4,923	4,929	4,930	4,928	4,928	4,928											
1996	5,043	5,212	5,266	5,276	5,288	5,287	5,287												
1997	5,611	5,773	5,763	5,763	5,763	5,763													
1998	5,891	6,090	6,079	6,074	6,060														
1999	7,143	7,424	7,401	7,381															
2000	7,029	7,318	7,266																
2001	6,816	6,936																	
2002	6,996																		

All Perils (Atlantic Industry Data)
Gross Basis
Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	1.115	0.999	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	1.145	0.996	0.999	1.000	0.999	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	1.114	1.004	1.001	0.985	1.003	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	1.134	1.004	1.005	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
1988	1.123	0.999	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
1989	1.074	0.996	1.001	0.998	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000	1.000						
1990	1.129	1.010	0.998	1.002	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
1991	1.090	1.002	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
1992	1.091	0.997	1.001	1.002	1.000	1.000	1.000	1.000	1.000	1.000									
1993	1.075	0.994	0.998	0.999	1.000	1.000	1.000	1.000	1.000										
1994	1.038	0.999	1.000	1.000	1.000	1.000	1.000	1.000											
1995	1.055	0.997	1.001	1.000	1.000	1.000	1.000												
1996	1.033	1.011	1.002	1.002	1.000	1.000													
1997	1.029	0.998	1.000	1.000	1.000														
1998	1.034	0.998	0.999	0.998															
1999	1.039	0.997	0.997																
2000	1.041	0.993																	
2001	1.018																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	1.045	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.032	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.033	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	1.034	0.998	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	1.043	0.998	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.032	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.033	0.996	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	1.035	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Age to Ult	1.035	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.966	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Specified Perils (Atlantic Industry Data)
Gross Basis
Loss Payment Pattern

Paid Losses and ALAE (in 000's)

Accident Yr	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228
1984	177	222	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223
1985	120	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	
1986	148	169	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184		
1987	131	177	178	178	178	178	178	178	178	178	178	178	178	178	178	178			
1988	99	107	107	107	108	108	108	108	108	108	108	108	108	108	108				
1989	96	106	106	106	106	106	106	106	106	106	106	106	106	106					
1990	157	197	197	197	197	197	197	196	196	196	196	196	196						
1991	175	202	202	202	202	202	202	202	202	202	202	202							
1992	173	214	214	214	214	214	214	214	214	214	214								
1993	215	237	237	239	239	239	239	239	239	239									
1994	228	259	259	259	259	261	261	261	261										
1995	274	309	310	310	310	310	310	309											
1996	251	282	284	284	284	284	284												
1997	202	229	230	231	231	231													
1998	172	181	181	181	181														
1999	218	246	246	246															
2000	205	231	236																
2001	318	335																	
2002	145																		

Specified Perils (Atlantic Industry Data)

Gross Basis

Loss Payment Pattern

Age-to-Age Factors

Accident Yr	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
1984	1.253	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1985	1.168	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1986	1.146	1.085	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
1987	1.354	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000				
1988	1.090	1.000	1.000	1.006	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000					
1989	1.096	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
1990	1.251	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.998	0.999	1.000	1.000							
1991	1.156	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
1992	1.237	1.000	1.000	1.000	0.999	0.999	1.000	1.000	1.000	1.000									
1993	1.102	0.999	1.009	1.000	1.000	1.000	1.000	1.000	1.000										
1994	1.134	1.001	1.000	1.000	1.006	1.000	1.000	1.000											
1995	1.129	1.000	1.000	1.000	1.000	1.000	1.000												
1996	1.124	1.007	1.000	1.000	1.000	0.999													
1997	1.130	1.004	1.007	1.000	1.000														
1998	1.054	1.000	1.000	1.000															
1999	1.131	1.000	1.000																
2000	1.128	1.020																	
2001	1.053																		
2002																			

Averages

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Simple Avg																			
Latest 10	1.122	1.003	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.099	1.006	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.104	1.007	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Medial Avg																			
Latest 5x1	1.104	1.004	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Volume Wtd																			
Latest 10	1.118	1.003	1.002	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 5	1.096	1.006	1.001	1.000	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Latest 3	1.097	1.007	1.002	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	

Payment Pattern Selection

	12 - 24	24 - 36	36 - 48	48 - 60	60 - 72	72 - 84	84 - 96	96 - 108	108 - 120	120 - 132	132 - 144	144 - 156	156 - 168	168 - 180	180 - 192	192 - 204	204 - 216	216 - 228	To Ult
Selected	1.120	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Age To Ult	1.126	1.005	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Percent of Ult	0.888	0.995	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Impact of Change from Gross Income to Net Income
Based on Nova Scotia Closed Claim Data - Bodily Injury

(1)	Total Loss & ALAE - All Categories of Damages - Prior to Tort Reform	10,146,334
(2)	General Damages by Subcategory - Prior to Tort Reform	
	(a) Pain & Suffering	6,484,042
	(b) Future Income	689,473
	(c) Future Care	100,450
	(d) Future Services	98,500
	(e) Gross Up	10,000
	(f) Other	91,418
	(g) Total	7,473,883
(3)	Losses Eliminated due to Tort Reform ($2,500 Limit with Threshold)	5,065,786
(4)	Projected Discounted Loss Cost with Tort Reform ($2,500 Limit with Threshold)	
	(a) Total Weighted Package	574.23
	(b) Bodily Injury	225.39
(5)	Bodily Injury as Proportion of Total Discounted Loss Cost	39.3%
(6)	Proportion of Bodily Injury that is Future Income After Tort Reform	13.6%
(7)	Ratio of Net to Gross Income	86.7%
(8)	Total Impact of Change from Gross to Net Income for Determination of Future Loss of Income After Tort Reform	-0.7%

Line Notes:
(1) and (2) Based on closed claim summary report prepared by R.R. Miller of Exactor Insurance Services Inc, January 2002 (Exhibit 5). Includes all claims.
(3) Based on $2,500 limit for claims below verbal threshold. See Appendix A, Sheet 2a.
(4) Developed in Exhibit I, Sheet 5, Column (8).
(5) = [(4b) / (4a)].
(6) = [(2b) / ((1) - (3))]. Represents proportion of BI losses after limitation of pain and suffering damages.
(7) Developed in Appendix G, Sheet 2.
(8) = [(5) x (6) x ((7) - 1.00)].

Impact of Change from Gross Income to Net Income
Comparison of Average Net and Gross Annual Income

Income Range		Average Annual Income			
Lower Bound (1)	Upper Bound (2)	Gross (3)	Net (4)	Ratio of Net to Gross (5)	Wage Earners Distribution (6)
1 -	10,000	5,460	5,336	97.7%	23.5%
10,000 -	15,000	12,444	11,791	94.8%	16.0%
15,000 -	20,000	17,325	15,477	89.3%	11.3%
20,000 -	25,000	22,421	18,967	84.6%	8.6%
25,000 -	30,000	27,439	22,564	82.2%	8.2%
30,000 -	35,000	32,408	25,832	79.7%	6.2%
35,000 -	40,000	37,335	28,969	77.6%	5.2%
40,000 -	45,000	42,304	32,224	76.2%	4.5%
45,000 -	50,000	47,421	35,325	74.5%	3.9%
50,000 -	60,000	54,492	40,338	74.0%	5.0%
60,000 -	70,000	64,504	47,152	73.1%	2.6%
70,000 -	80,000	74,357	53,724	72.3%	1.5%
80,000 -	90,000	84,662	60,444	71.4%	1.0%
90,000 -	100,000	94,498	66,545	70.4%	0.6%
100,000 -	150,000	117,668	80,928	68.8%	1.1%
150,000 -	250,000	189,314	124,401	65.7%	0.5%
250,000	and over	499,895	316,851	63.4%	0.3%

(7) Weighted Average Based on Wage Earners Distribution 86.7%

Column/Line Notes:

(3) and (4) See Appendix G, Sheet 3.

(5) = [(4) / (3)].

(6) Developed in Appendix G, Sheet 4.

(7) Based on weighted average of (5) and (6).

Impact of Change from Gross Income to Net Income
Nova Scotia Net Income Based on 2000 CCRA Income Data

Income Range Lower Bound	 Upper Bound	Total Income Assessed (in 000s)	Deductions from Gross Income CPP	 EI	 Net Federal Tax	 Net Provincial Tax	Total Annual Net Income	Number of Returns	Average Annual Income Gross	 Net
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1 -	10,000	841,086	6,952	7,783	2,791	1,578	821,982	154,040	5,460	5,336
10,000 -	15,000	1,299,732	15,583	10,648	26,897	15,065	1,231,539	104,450	12,444	11,791
15,000 -	20,000	1,281,527	23,139	15,037	63,481	35,066	1,144,804	73,970	17,325	15,477
20,000 -	25,000	1,265,218	29,123	18,085	94,876	52,822	1,070,312	56,430	22,421	18,967
25,000 -	30,000	1,465,527	35,984	21,832	128,882	73,704	1,205,125	53,410	27,439	22,564
30,000 -	35,000	1,316,729	35,656	20,737	133,102	77,662	1,049,572	40,630	32,408	25,832
35,000 -	40,000	1,269,001	34,906	20,023	144,410	84,991	984,671	33,990	37,335	28,969
40,000 -	45,000	1,244,572	33,594	20,061	152,729	90,169	948,019	29,420	42,304	32,224
45,000 -	50,000	1,217,290	29,534	18,320	165,092	97,557	906,787	25,670	47,421	35,325
50,000 -	60,000	1,781,892	38,203	23,817	251,392	149,413	1,319,067	32,700	54,492	40,338
60,000 -	70,000	1,112,702	21,477	12,864	165,978	99,008	813,375	17,250	64,504	47,152
70,000 -	80,000	734,649	12,471	7,187	115,476	68,722	530,793	9,880	74,357	53,724
80,000 -	90,000	533,371	8,035	4,643	87,922	51,971	380,800	6,300	84,662	60,444
90,000 -	100,000	389,331	5,714	2,779	67,019	39,654	274,165	4,120	94,498	66,545
100,000 -	150,000	831,915	10,891	3,865	153,551	91,446	572,162	7,070	117,668	80,928
150,000 -	250,000	643,667	6,183	1,287	132,933	80,300	422,964	3,400	189,314	124,401
250,000	and over	834,825	2,622	475	188,823	113,763	529,142	1,670	499,895	316,851
Total		18,063,034	350,067	209,443	2,075,354	1,222,891	14,205,279	654,400		
Average		27,602	535	320	3,171	1,869	21,707			

Column Notes:

(3) Summarized in Appendix G, Sheet 4.

(4) - (7) Based on CCRA "Final Basic Table 2 - Sample Data for Nova Scotia, All Returns by total income class (all money figures in thousands of dollars).

(8) = [(3) - (4) - (5) - (6) - (7)].

(9) Summarized in Appendix G, Sheet 4.

(10) = [(3) / (9) x 1,000].

(11) = [(8) / (9) x 1,000].

Impact of Change from Gross Income to Net Income
Nova Scotia Gross Income Based on 2000 CCRA Income Data

Income Range			Total Income				Index to Avg.	
Lower Bound		Upper Bound	Assessed (in 000s)	Number of Returns	Avg. Gross Income Annual	Avg. Gross Income Weekly	Weekly Income	Wage Earners Distribution
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	-	10,000	841,086	154,040	5,460	105	0.198	23.5%
10,000	-	15,000	1,299,732	104,450	12,444	239	0.451	16.0%
15,000	-	20,000	1,281,527	73,970	17,325	333	0.628	11.3%
20,000	-	25,000	1,265,218	56,430	22,421	431	0.812	8.6%
25,000	-	30,000	1,465,527	53,410	27,439	528	0.994	8.2%
30,000	-	35,000	1,316,729	40,630	32,408	623	1.174	6.2%
35,000	-	40,000	1,269,001	33,990	37,335	718	1.353	5.2%
40,000	-	45,000	1,244,572	29,420	42,304	814	1.533	4.5%
45,000	-	50,000	1,217,290	25,670	47,421	912	1.718	3.9%
50,000	-	60,000	1,781,892	32,700	54,492	1,048	1.974	5.0%
60,000	-	70,000	1,112,702	17,250	64,504	1,240	2.337	2.6%
70,000	-	80,000	734,649	9,880	74,357	1,430	2.694	1.5%
80,000	-	90,000	533,371	6,300	84,662	1,628	3.067	1.0%
90,000	-	100,000	389,331	4,120	94,498	1,817	3.424	0.6%
100,000	-	150,000	831,915	7,070	117,668	2,263	4.263	1.1%
150,000	-	250,000	643,667	3,400	189,314	3,641	6.859	0.5%
250,000	and over		834,825	1,670	499,895	9,613	18.111	0.3%
Total/Average			18,063,034	654,400	27,602	531		

Column Notes:

(1) - (4) Based on CCRA "Final Basic Table 2 - Sample Data for Nova Scotia, All Returns by total income class (all money figures in thousands of dollars)".

(5) = [(3) / (4) x 1,000].

(6) = [(5) / 52].

(7) = [(6) / Average (6)].

(8) = [(4) / Total (4)].

Appendix H
Sheet 1

Impact of Elimination of Collateral Source Rule
Based on Nova Scotia Closed Claim Data - Bodily Injury

(1)	Total Loss & ALAE - All Categories of Damages - Prior to Tort Reform	10,146,334
(2)	General Damages by Subcategory - Prior to Tort Reform	
	(a) Pain & Suffering	6,484,042
	(b) Future Income	689,473
	(c) Future Care	100,450
	(d) Future Services	98,500
	(e) Gross Up	10,000
	(f) Other	91,418
	(g) Total	7,473,883
(3)	Losses Eliminated due to Tort Reform ($2,500 Limit with Threshold)	5,065,786
(4)	Projected Discounted Loss Cost with Tort Reform ($2,500 Limit with Threshold)	
	(a) Total Weighted Package	574.23
	(b) Bodily Injury	225.39
(5)	Bodily Injury as Proportion of Total Discounted Loss Cost	39.3%
(6)	Proportion of Bodily Injury that is Future Income After Tort Reform	13.6%
(7)	Impact to Weekly Benefits Due to Elimination of Collateral Source Rule	-32.4%
(8)	Impact to Loss Costs Due to Elimination of Collateral Source Rule, After Tort Reform	-1.7%

Line Notes:

(1) and (2) Based on closed claim summary report prepared by R.R. Miller of Exactor Insurance Services Inc, January 2002 (Exhibit 5). Includes all claims.
(3) Based on $2,500 limit for claims below verbal threshold. See Appendix A, Sheet 2a.
(4) Developed in Exhibit I, Sheet 5, Column (8).
(5) = [(4b) / (4a)].
(6) = [(2b) / ((1) - (3))]. Represents proportion of BI losses after limitation of pain and suffering damages.
(7) Developed in Appendix H, Sheet 2.
(8) = [(5) x (6) x (7)].

Impact Due to Elimination of Collateral Source Rule
Calculation of Weekly Income Benefits

Income Ranges		Average Weekly Gross Income	Wage Earners Distribution	% with Collateral Benefit	Average Collateral Benefit	Estimated Weekly Income Benefit	
Lower Bound	Upper Bound					Current	Proposed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 -	10,000	105.00	23.5%	0.00%	-	105.00	105.00
10,000 -	15,000	239.30	16.0%	0.00%	-	239.30	239.30
15,000 -	20,000	333.17	11.3%	0.00%	-	333.17	333.17
20,000 -	25,000	431.17	8.6%	0.00%	-	431.17	431.17
25,000 -	30,000	527.68	8.2%	70.00%	230.86	527.68	296.82
30,000 -	35,000	623.23	6.2%	70.00%	272.66	623.23	350.57
35,000 -	40,000	717.97	5.2%	70.00%	314.11	717.97	403.86
40,000 -	45,000	813.53	4.5%	70.00%	355.92	813.53	457.61
45,000 -	50,000	911.94	3.9%	70.00%	398.97	911.94	512.96
50,000 -	60,000	1,047.93	5.0%	70.00%	458.47	1,047.93	589.46
60,000 -	70,000	1,240.47	2.6%	70.00%	542.71	1,240.47	697.76
70,000 -	80,000	1,429.95	1.5%	70.00%	625.60	1,429.95	804.34
80,000 -	90,000	1,628.12	1.0%	70.00%	712.30	1,628.12	915.82
90,000 -	100,000	1,817.27	0.6%	70.00%	795.05	1,817.27	1,022.21
100,000 -	150,000	2,262.85	1.1%	70.00%	990.00	2,262.85	1,272.85
150,000 -	250,000	3,640.65	0.5%	70.00%	1,592.78	3,640.65	2,047.87
250,000	and over	9,613.37	0.3%	70.00%	4,205.85	9,613.37	5,407.52
(9) Average		530.82		28.40%	171.97	530.82	358.85
(10) Impact to Weekly Benefits Due to Elimination of Collateral Source Rule							-32.4%

Column Notes:
(3) and (4) From Appendix G, Sheet 4.
(5) Judgmentally assume 70% of people with an annual income above $25,000 have collateral insurance.
(6) = [(3) x (5) x .625], assuming average collateral source benefit equal to 62.5% of gross income.
(7) = [(3)] under current tort system.
(8) = {[(1.00 - (5)) x (3)] + [(5) x ((3) - ((3) x .625))]}, assuming collateral source benefit equal to 62.5% of gross income.
(9) Weighted average based on wage earners distribution in (4).
(10) = [(Average (8) / Average (7)) - 1.00].

Impact of Change in Discount Rate from 2.5% to 3.5%
Based on Nova Scotia Closed Claim Data - Bodily Injury

(1)	Total Loss & ALAE - All Categories of Damages - Prior to Tort Reform	10,146,334
(2)	General Damages by Subcategory - Prior to Tort Reform	
	(a) Pain & Suffering	6,484,042
	(b) Future Income	689,473
	(c) Future Care	100,450
	(d) Future Services	98,500
	(e) Gross Up	10,000
	(f) Other	91,418
	(g) Total	7,473,883
(3)	Losses Eliminated due to Tort Reform ($2,500 Limit with Threshold)	5,065,786
(4)	Projected Discounted Loss Cost with Tort Reform ($2,500 Limit with Threshold)	
	(a) Total Weighted Package	574.23
	(b) Bodily Injury	225.39
(5)	Bodily Injury as Proportion of Total Discounted Loss Cost	39.3%
(6)	Proportion of Bodily Injury that is Future Income, Care & Services After Tort Reform	17.5%
(7)	Impact of Change in Present Value Factor by Change in Discount Rate from 2.5% to 3.5%	
	(a) Based on 5-Year Payment Pattern	-0.7%
	(b) Based on 10-Year Payment Pattern	-2.9%
	(c) Based on 15-Year Payment Pattern	-5.0%
	(d) Based on 20-Year Payment Pattern	-7.0%
(8)	Impact of Change to Loss Costs Due to Change in Discount Rate from 2.5% to 3.5%, After Tort Reform	
	(a) Based on 5-Year Payment Pattern	-0.1%
	(b) Based on 10-Year Payment Pattern	-0.2%
	(c) Based on 15-Year Payment Pattern	-0.3%
	(d) Based on 20-Year Payment Pattern	-0.5%

Line Notes:

(1) and (2) Based on closed claim summary report prepared by R.R. Miller of Exactor Insurance Services Inc, January 2002 (Exhibit 5). Includes all claims.
(3) Based on $2,500 limit for claims below verbal threshold. See Appendix A, Sheet 2a.
(4) Developed in Exhibit I, Sheet 5, Column (8).
(5) = [(4b) / (4a)].
(6) = [((2b) + (2c) + (2d)) / ((1) - (3))]. Represents proportion of BI losses after limitation of pain and suffering damages.
(7) Developed in Appendix I, Sheet 2.
(8) = [(5) x (6) x (7)].

Impact of Change in Discount Rate from 2.5% to 3.5%
Present Value Factors Based on Alternative Rates of Return and Payment Pattern Assumptions

	% Paid in Each Interval - BI: Future Income, Care & Services			
Years	A	B	C	D
(1)	(2)	(3)	(4)	(5)
1	20.0%	10.0%	6.7%	5.0%
2	20.0%	10.0%	6.7%	5.0%
3	20.0%	10.0%	6.7%	5.0%
4	20.0%	10.0%	6.7%	5.0%
5	20.0%	10.0%	6.7%	5.0%
6		10.0%	6.7%	5.0%
7		10.0%	6.7%	5.0%
8		10.0%	6.7%	5.0%
9		10.0%	6.7%	5.0%
10		10.0%	6.7%	5.0%
11			6.7%	5.0%
12			6.7%	5.0%
13			6.7%	5.0%
14			6.7%	5.0%
15			6.7%	5.0%
16				5.0%
17				5.0%
18				5.0%
19				5.0%
20				5.0%
Total	100%	100%	100%	100%
(6) PV Factors at:				
2.5% Annual Return	0.941	0.886	0.836	0.789
3.5% Annual Return	0.934	0.860	0.794	0.734
(7) Impact of Change	-0.7%	-2.9%	-5.0%	-7.0%

Notes: Incremental payment patterns judgmentally selected for comparison purposes only. PV factors calculated assuming mid-year payments and 2.5% and 3.5% annual rate of return on investments.

Impact of Implementing Non-Discriminatory Rules for FA

Indicated Average Savings for Policyholders Leaving FA for the Regular Insurance Market

Coverage	Weights (1)	Projected Average Premium (2)	Trend to 01-Sep-03 (3)	Approved Rate Level Change (4)	Projected Street Premium (5)	Risk Factor Adjustment (6)	Projected Premium for Policyholders Leaving FA (7)
Third Party Liability	100%	1,284.86	1.002	1.414	1,820.47	1.987	916.05
Accident Benefits	100%	210.47	1.000	1.016	213.84	1.514	141.25
Uninsured Automobile	100%	34.47	1.000	2.147	74.01	1.514	48.89
Collision	57%	761.62	1.061	0.853	689.10	1.983	347.46
Comprehensive	70%	367.97	1.051	0.889	343.94	1.514	227.19
Specified Perils	1%	221.95	1.054	0.992	232.17	1.514	153.36
All coverages combined		2,223.72			2,744.17		1,464.81

(8) Projected Street Premium for Policyholders Leaving FA 1,464.81

Regular Market		10% ROE	5% ROE
(9)	Projected Current Average Street Premium	1,049.06	1,049.06
(10)	Estimated Required Average Premium - Total Weighted Package - Current System	1,199.77	1,128.83
(11)	Projected Required Average Premium - Total Weighted Package After Impact of Tort Reforms	854.14	803.64

Indicated Savings			
(12)	From Projected Current Average Street Premium	-28%	-28%
(13)	From Estimated Required Average Premium - Total Weighted Package - Current System	-18%	-23%
(14)	From Projected Required Average Premium - Total Weighted Package After Impact of Tort Reforms	-42%	-45%

Notes:

(1) Based on earned exposure data for Accident Year 2002 from IBC.
Uninsured Automobile weight adjusted to 100% to reflect compulsory nature of the coverage.
(2) From Eckler FA Report dated 20 September 2002, page 7.8.
(3) Premium Drift from February 1, 2003 (Assumed Effective Date of FA Rate Change in Eckler FA Report) to September 1, 2003 (Eff. Date of Tort Reform).
(4) Average rate level change approved by the Nova Scotia Board, January 2003.
(5) = [(2) x (3) x (4)].
(6) Adjustment to average premium based on accident and conviction surcharge and driving record differentials, from Appendix J, Sheet 3.
(7) = [(5) / (6)].
(8) Sum of (7) using weights in (1).
(9)-(11) From Exhibit I, Sheets 1a and 1b.
(12) = [((9) / (8)) - 1.0].
(13) = [((10) / (8)) - 1.0].
(14) = [((11) / (8)) - 1.0].

Impact of Implementing Non-Discriminatory Rules for FA
Estimation of Change in Participation Level

Reasons why applicant is in FA	Number of Applicants (1)	Applicants Distribution (2)	Coming out of FA Percentage (3)	 Number (4)
One accident	219	3.4%	65%	142
5 or more Not-at-Fault	5	0.1%	100%	5
3 or more non-payment cancellation	20	0.3%	100%	20
Accident/claim frequency	112	1.7%	65%	73
Premium Payment History	92	1.4%	100%	92
Sub-total	448	7.0%		332
No market for the risk	3,001	46.6%	65%	1,951
All others	2,992	46.5%	0%	-
Total	6,441	100.0%		2,283
(5) Indicated percentage of FA policyholders back in the regular markets				35%
(6) Selected percentage of FA policyholders back in the regular markets				33%
(7) FA 2002 market share in Nova Scotia				4.94%
(8) Proportion of the total insured population coming out of FA				1.63%

Notes:

(1) From Nova Scotia FA summary of the Binder Control Registry, Private Passenger, Year 2001.
Source: Nova Scotia Utility and Review Board, Public Hearing Material, November 2002.
(2) = [(1) / (1) total].
(3) Judgmentally selected.
(4) = [(1) x (3)].
(5) = [(4) Total / (1) Total].
(6) Judgmentally selected.
(7) From FA.
(8) = [(6) x (7)].

Impact of Implementing Non-Discriminatory Rules for FA
Estimation of Risk Factor Adjustments

Accident and Conviction Surcharges:

(1) Proposed Average Differential Included in the Average Premium of FA	1.378
(2) Proposed Differential for Drivers with No Accidents or Convictions	0.900
(3) Differential for Drivers with One Accident and No Convictions	1.000
(4) Estimated Proportion Exposures Leaving FA:	
(a) Drivers with No Accidents or Convictions	90%
(b) Drivers with One Accident and No Convictions	10%
(5) Average Proposed Differential for Exposures Coming Out of FA	0.910
(6) Risk Factor Adjustment for the Average FA Premiums	1.514

Driving Record Differential :

Driving	TPL			Collision		
Record	Distribution (7)	Differential (8)	Adjustment (9)	Distribution (10)	Differential (11)	Adjustment (12)
0	13.3%	1.375		14.1%	1.304	
1	14.2%	1.113		15.8%	1.117	
2	12.0%	1.030		12.0%	1.031	
3	28.0%	1.000		24.7%	1.000	
4	27.8%	0.828		26.9%	0.874	
5	4.7%	0.770		6.5%	0.776	
Total	100.0%	1.011	1.313	100.0%	1.017	1.310

Notes:

(1) From Eckler FA Report, Page 2.22.
(2) From Eckler FA Report, Page 2.24.
(3) From Eckler FA Report, Page 2.24.
(4) From Eckler FA Report, Page 2.22. Assuming the proportion of exposures leaving FA will be the same as 100% of the exposures with no accidents or convictions and 65% of the exposures with one accident and no convictions.
(5) Weighted Average of (2) and (3) using weights in (4).
(6) = [(1) / (5)].
(7) From Eckler FA Report, Page 2.1
(8) From Eckler FA Report, Page 2.1, FA Proposed Driving Record Differentials.
(9) = [(8) Total / Weighted Avg of (8) for Driving Record 5]. Assuming that exposures leaving the FA are in driving record 5 only.
(10) From Eckler FA Report, Page 2.5.
(11) From Eckler FA Report, Page 2.5, FA Proposed Driving Record Differentials.
(12) = [(11) Total / Weighted Avg of (11) for Driving Record 5]. Assuming that exposures leaving the FA are in driving record 5 only.